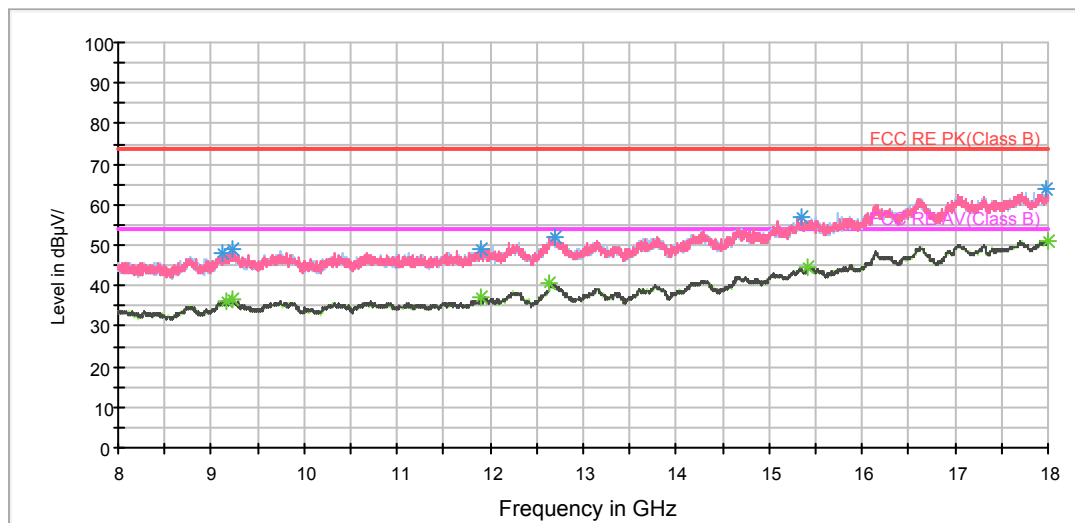


RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

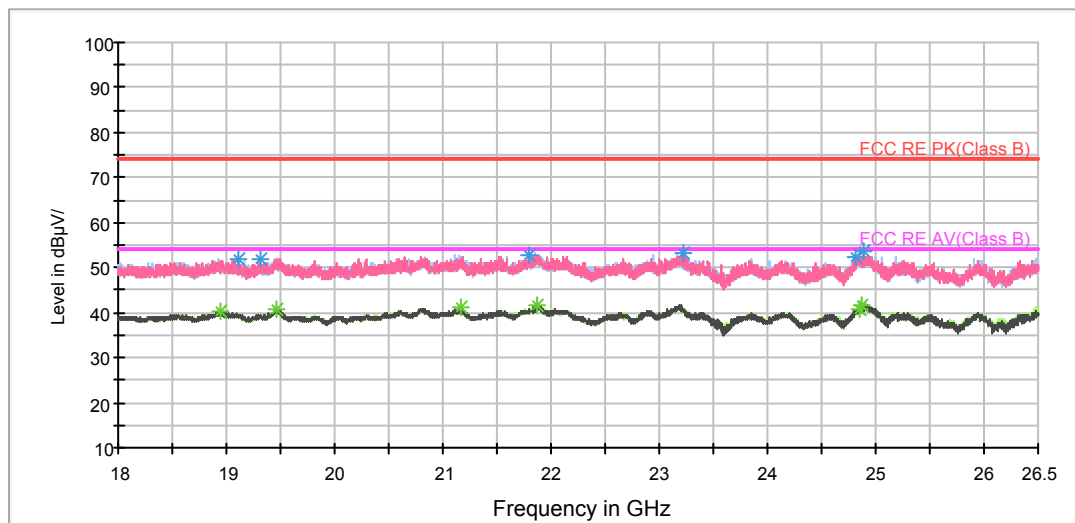
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9115.000000	47.8	150.0	H	0.0	37.9	9.9	26.2	74
9238.750000	48.8	150.0	V	49.0	38.9	9.9	25.2	74
11907.500000	49.2	150.0	V	0.0	37.1	12.1	24.8	74
12696.250000	52.2	150.0	H	0.0	38.1	14.1	21.8	74
15340.000000	57.0	150.0	V	140.0	38.2	18.8	17.0	74
17973.750000	64.0	150.0	V	306.0	39.1	24.9	10.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	36.2	150.0	V	140.0	25.9	10.3	17.8	54
9232.500000	36.5	150.0	V	157.0	26.6	9.9	17.5	54
11905.000000	37.0	150.0	V	0.0	24.9	12.1	17.0	54
12641.250000	40.7	150.0	V	103.0	26.2	14.5	13.3	54
15422.500000	44.5	150.0	H	0.0	25.1	19.4	9.5	54
17998.750000	51.0	150.0	V	103.0	25.6	25.4	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

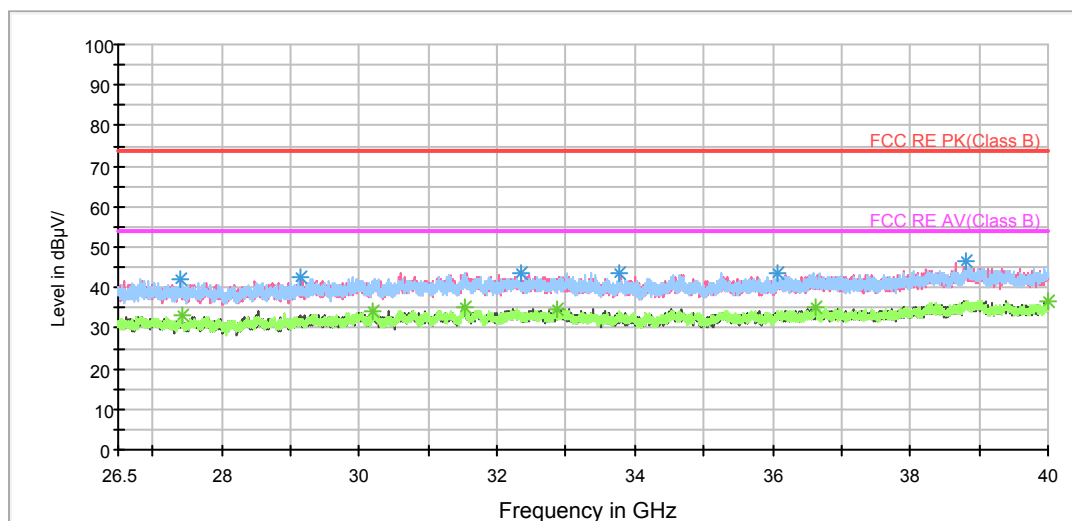
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19117.750000	51.8	V	90.0	52.4	-0.6	22.2	74
19310.062500	51.8	H	255.0	52.0	-0.2	22.2	74
21801.625000	52.9	V	90.0	55.0	-2.1	21.1	74
23222.187500	53.4	H	270.0	53.5	-0.1	20.6	74
24820.187500	52.2	V	92.0	52.0	0.2	21.8	74
24886.062500	53.7	H	201.0	53.2	0.5	20.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18938.187500	40.2	V	253.0	40.2	0.0	13.8	54
19455.625000	40.6	V	102.0	40.6	0.0	13.4	54
21164.125000	41.0	H	219.0	42.5	-1.5	13.0	54
21878.125000	41.7	H	255.0	43.4	-1.7	12.3	54
24844.625000	40.8	V	148.0	40.5	0.3	13.2	54
24876.500000	41.5	V	263.0	41.0	0.5	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27399.437500	42.1	V	269.0	43.3	-1.2	31.9	74
29154.437500	42.7	V	270.0	43.8	-1.1	31.3	74
32350.562500	43.7	V	269.0	44.3	-0.6	30.3	74
33783.250000	43.6	H	190.0	44.9	-1.3	30.4	74
36083.312500	43.4	H	141.0	43.6	-0.2	30.6	74
38810.312500	46.6	H	161.0	43.8	2.8	27.4	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

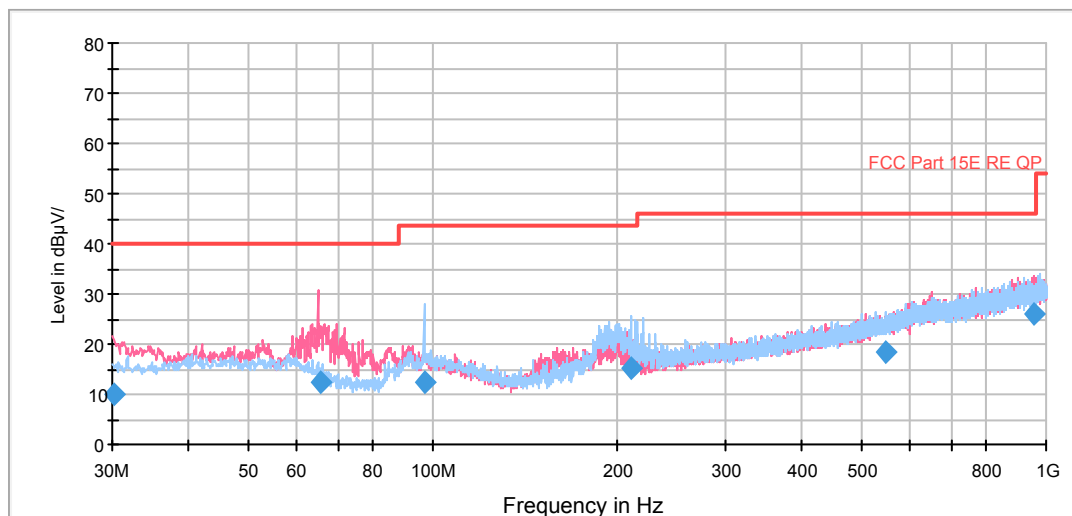
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27421.375000	33.0	H	221.0	34.2	-1.2	21.0	54
30195.625000	34.3	H	94.0	34.7	-0.4	19.7	54
31542.250000	35.3	V	242.0	35.8	-0.5	18.7	54
32865.250000	34.8	H	131.0	35.6	-0.8	19.2	54
36621.625000	35.2	H	211.0	35.3	-0.1	18.8	54
39989.875000	36.7	H	180.0	34.4	2.3	17.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT20) CH149

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

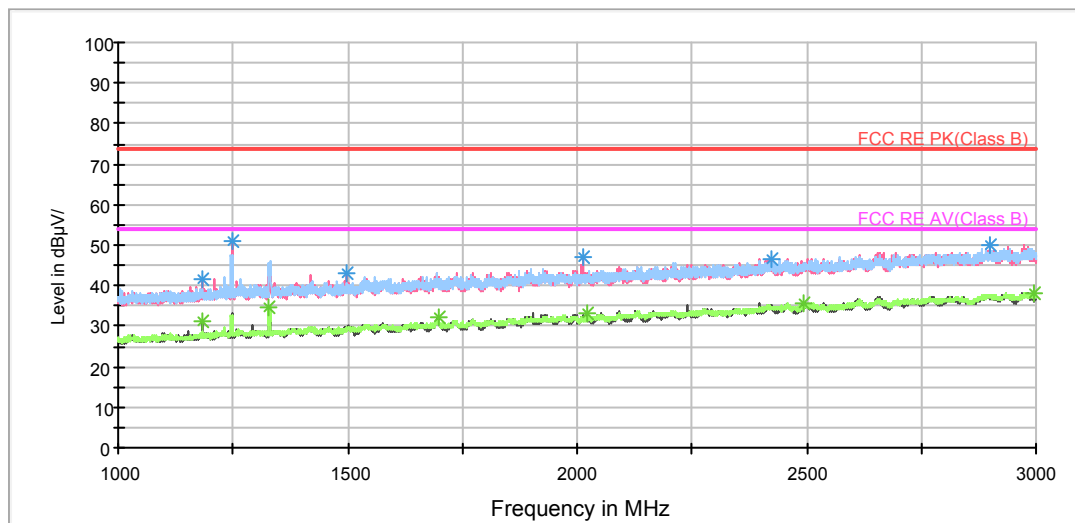
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.200000	9.9	100.0	V	317.0	-2.2	12.1	30.1	40.0
65.400000	12.6	100.0	V	172.0	2.2	10.4	27.4	40.0
97.207500	12.5	125.0	H	8.0	-0.4	12.9	31.0	43.5
210.583750	15.1	125.0	H	278.0	2.5	12.6	28.4	43.5
545.841250	18.6	114.0	H	0.0	-3.0	21.6	27.4	46.0
956.996250	26.0	100.0	V	0.0	-1.3	27.3	20.0	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

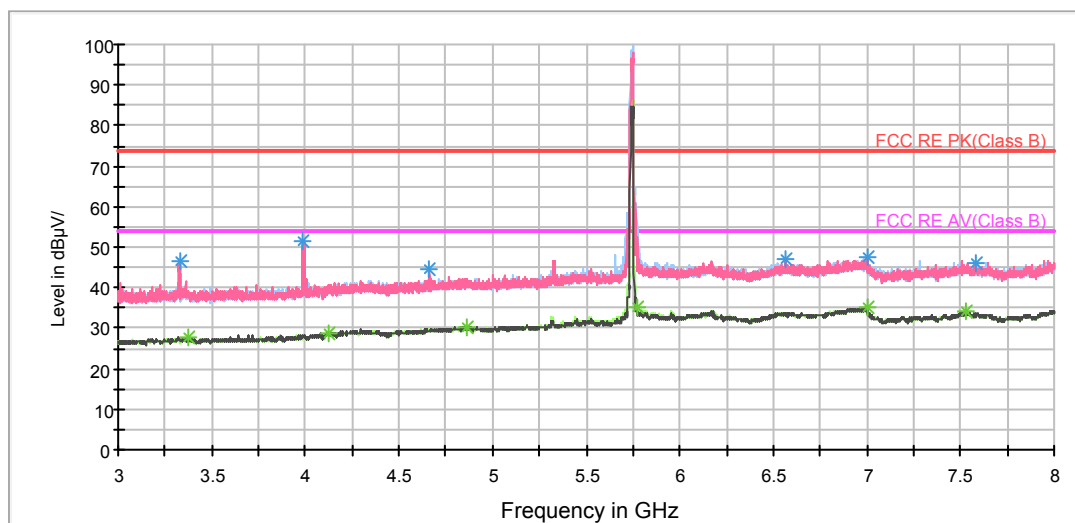
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.250000	41.8	100.0	V	306.0	49.8	-8.0	32.2	74
1250.500000	50.8	100.0	V	296.0	58.8	-8.0	23.2	74
1499.500000	43.3	100.0	V	0.0	50.0	-6.7	30.7	74
2011.250000	47.2	100.0	V	296.0	50.7	-3.5	26.8	74
2422.250000	46.6	100.0	V	0.0	47.1	-0.5	27.4	74
2898.750000	49.9	100.0	V	0.0	47.8	2.1	24.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.250000	31.0	100.0	V	306.0	39.0	-8.0	23.0	54
1328.500000	34.6	100.0	H	119.0	42.0	-7.4	19.4	54
1697.250000	32.1	100.0	V	269.0	37.1	-5.0	21.9	54
2021.250000	33.1	100.0	V	127.0	36.7	-3.6	20.9	54
2495.250000	35.5	100.0	V	323.0	35.4	0.1	18.5	54
2995.750000	38.1	100.0	H	28.0	35.8	2.3	15.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

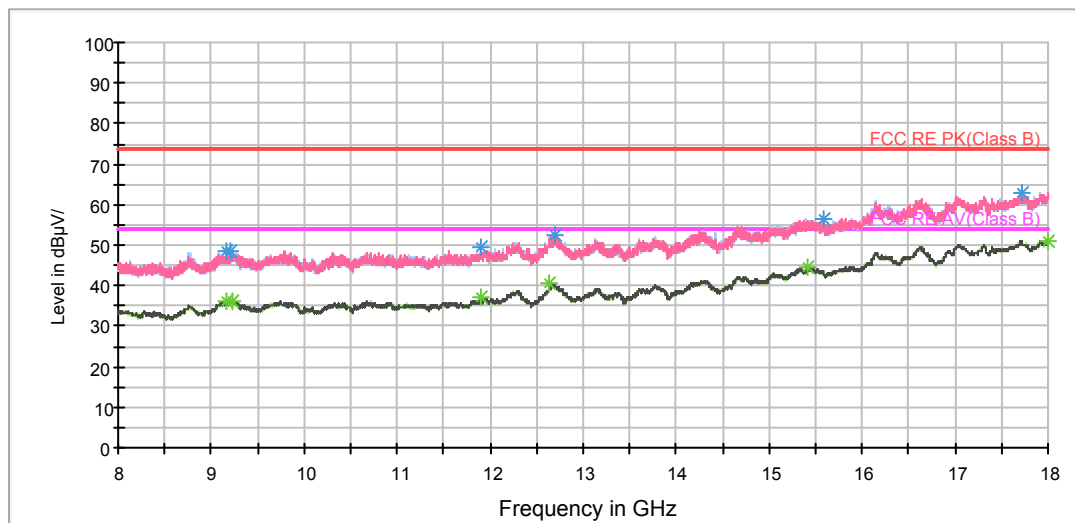
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.125000	46.8	101.0	V	102.0	49.0	-2.2	27.2	74
3990.000000	51.3	101.0	V	222.0	52.3	-1.0	22.7	74
4664.375000	44.6	101.0	V	0.0	43.9	0.7	29.4	74
6562.500000	46.8	101.0	V	256.0	41.0	5.8	27.2	74
7000.000000	47.7	101.0	V	0.0	41.1	6.6	26.3	74
7580.000000	46.0	101.0	H	52.0	38.9	7.1	28.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3373.125000	27.8	101.0	V	4.0	30.3	-2.5	26.2	54
4123.750000	28.8	101.0	V	256.0	29.2	-0.4	25.2	54
4862.500000	30.4	101.0	V	0.0	28.7	1.7	23.6	54
5770.000000	35.1	101.0	H	0.0	31.4	3.7	18.9	54
6999.375000	35.0	101.0	H	306.0	28.5	6.5	19.0	54
7527.500000	34.0	101.0	H	206.0	26.9	7.1	20.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

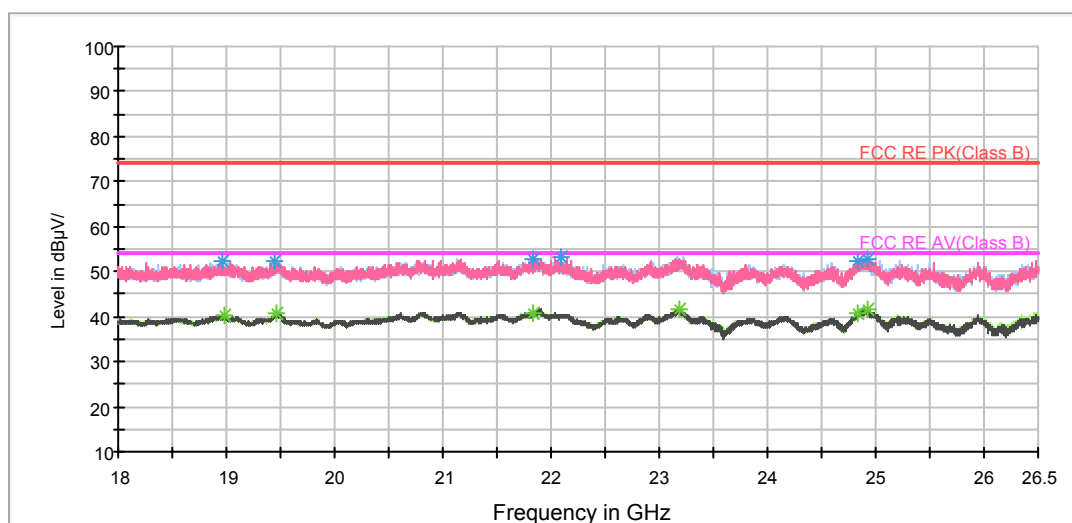
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	48.8	150.0	V	0.0	38.5	10.3	25.2	74
9208.750000	48.7	150.0	V	0.0	38.6	10.1	25.3	74
11900.000000	49.3	150.0	H	258.0	37.0	12.3	24.7	74
12700.000000	52.2	150.0	V	0.0	38.1	14.1	21.8	74
15581.250000	56.4	150.0	V	0.0	37.1	19.3	17.6	74
17711.250000	63.0	150.0	H	0.0	38.3	24.7	11.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.9	150.0	V	30.0	25.6	10.3	18.1	54
9235.000000	36.4	150.0	H	112.0	26.5	9.9	17.6	54
11902.500000	37.2	150.0	V	48.0	25.0	12.2	16.8	54
12640.000000	40.6	150.0	V	212.0	26.0	14.6	13.4	54
15417.500000	44.5	150.0	V	120.0	25.2	19.3	9.5	54
18000.000000	51.1	150.0	V	0.0	25.6	25.5	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

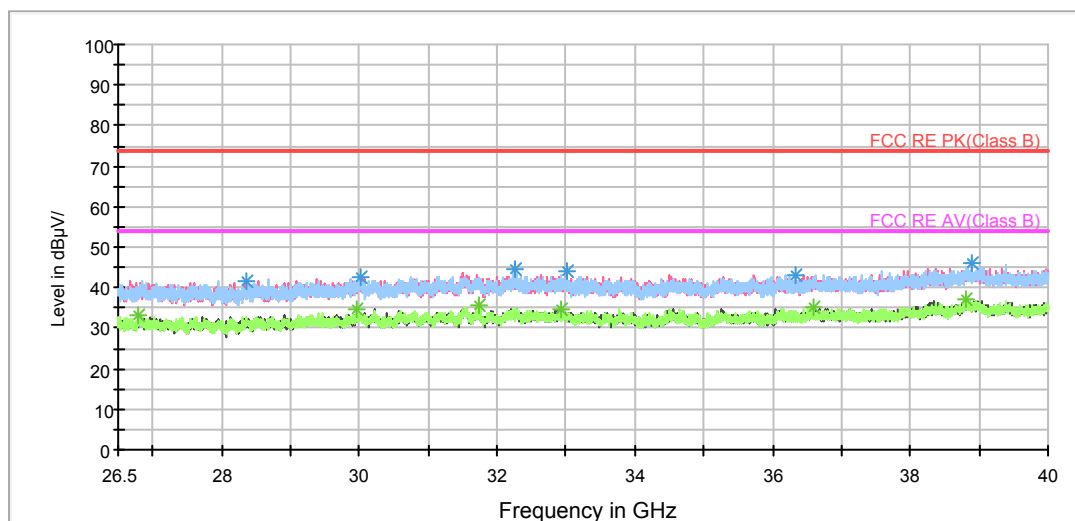
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18967.937500	52.1	V	157.0	52.2	-0.1	21.9	74
19449.250000	52.4	H	270.0	52.4	0.0	21.6	74
21826.062500	53.0	H	219.0	54.9	-1.9	21.0	74
22095.937500	53.3	H	270.0	54.9	-1.6	20.7	74
24840.375000	52.3	H	117.0	52.0	0.3	21.7	74
24928.562500	52.9	V	90.0	52.2	0.7	21.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18979.625000	40.3	H	128.0	40.4	-0.1	13.7	54
19465.187500	40.6	V	167.0	40.5	0.1	13.4	54
21836.687500	40.8	H	270.0	42.7	-1.9	13.2	54
23187.125000	41.8	H	90.0	41.9	-0.1	12.2	54
24841.437500	40.8	V	157.0	40.5	0.3	13.2	54
24921.125000	41.6	H	237.0	40.9	0.7	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28373.125000	41.6	V	249.0	43.1	-1.5	32.4	74
30016.750000	42.4	V	258.0	42.8	-0.4	31.6	74
32254.375000	44.4	H	270.0	45.0	-0.6	29.6	74
33003.625000	43.9	V	258.0	44.8	-0.9	30.1	74
36346.562500	43.3	H	93.0	43.5	-0.2	30.7	74
38904.812500	46.0	H	203.0	43.1	2.9	28.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

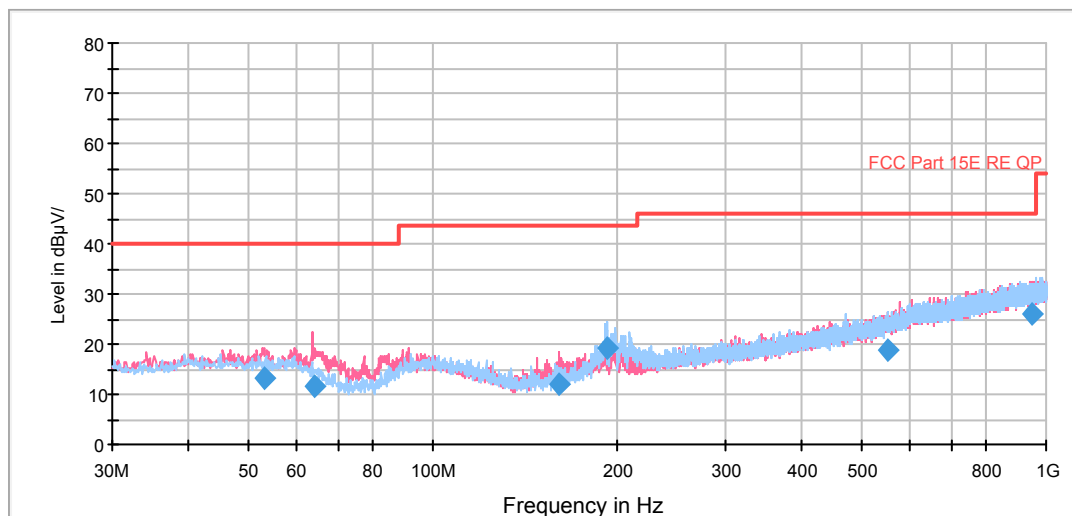
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26803.750000	33.0	H	90.0	33.7	-0.7	21.0	54
29956.000000	34.5	H	90.0	34.9	-0.4	19.5	54
31724.500000	35.7	V	268.0	36.2	-0.5	18.3	54
32941.187500	34.8	V	268.0	35.6	-0.8	19.2	54
36596.312500	35.0	V	129.0	35.1	-0.1	19.0	54
38810.312500	36.9	H	193.0	34.1	2.8	17.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT20) CH157

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

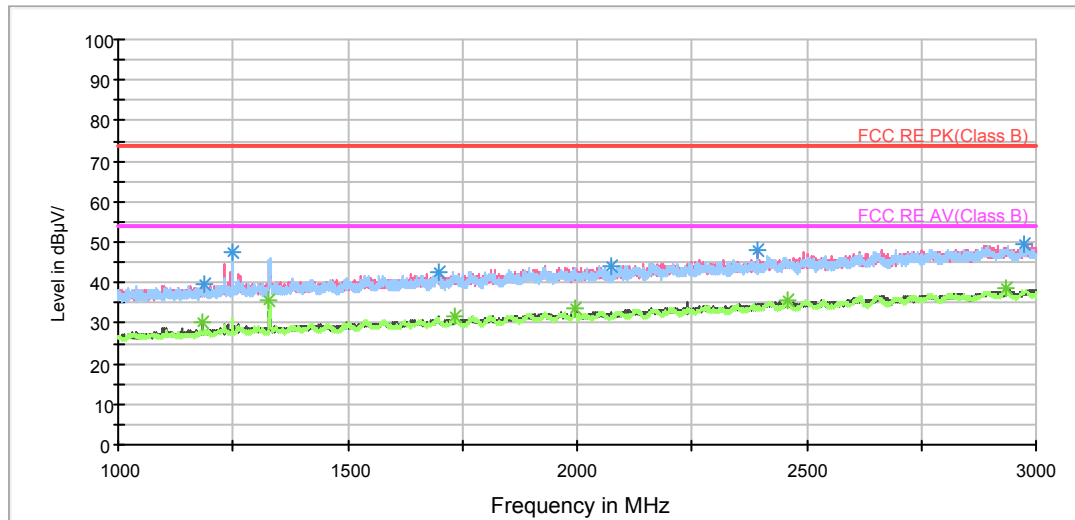
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.193750	13.2	100.0	V	289.0	0.4	12.8	26.8	40.0
64.186250	11.7	100.0	V	54.0	0.7	11.0	28.3	40.0
160.222500	11.9	114.0	V	247.0	2.2	9.7	31.6	43.5
192.310000	19.2	125.0	H	101.0	7.6	11.6	24.3	43.5
549.962500	18.7	100.0	V	281.0	-2.9	21.6	27.4	46.0
947.341250	25.8	100.0	V	211.0	-1.4	27.2	20.2	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

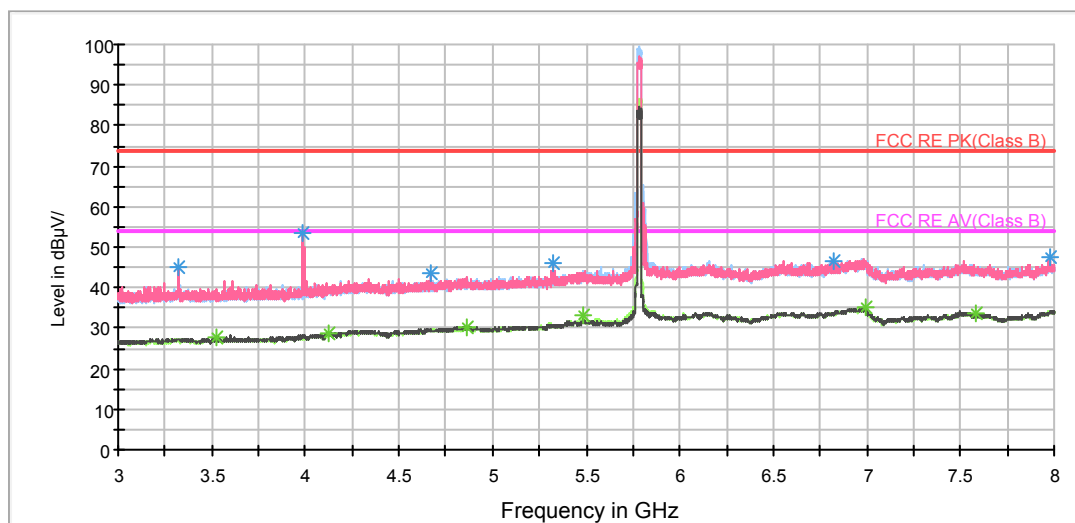
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1186.750000	39.7	100.0	H	150.0	47.8	-8.1	34.3	74
1248.000000	47.6	100.0	H	26.0	55.6	-8.0	26.4	74
1697.750000	42.7	100.0	V	0.0	47.7	-5.0	31.3	74
2073.250000	44.1	100.0	V	242.0	47.2	-3.1	29.9	74
2393.750000	47.8	100.0	V	359.0	49.1	-1.3	26.2	74
2972.750000	49.7	100.0	H	318.0	47.5	2.2	24.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.750000	30.1	100.0	V	270.0	38.2	-8.1	23.9	54
1329.250000	35.5	100.0	H	124.0	42.9	-7.4	18.5	54
1731.750000	31.5	100.0	H	150.0	36.3	-4.8	22.5	54
1994.250000	33.5	100.0	V	280.0	36.7	-3.2	20.5	54
2457.500000	35.7	100.0	H	53.0	36.2	-0.5	18.3	54
2933.500000	38.4	100.0	H	26.0	36.6	1.8	15.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

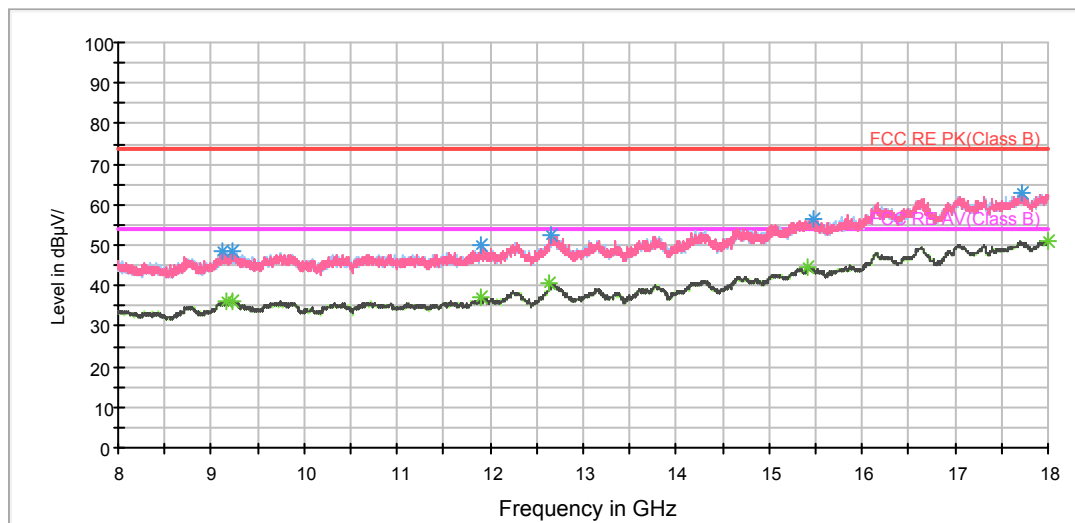
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3325.000000	44.9	101.0	V	123.0	47.0	-2.1	29.1	74
3986.875000	53.3	101.0	V	242.0	54.3	-1.0	20.7	74
4666.250000	43.7	101.0	V	40.0	42.9	0.8	30.3	74
5325.625000	46.2	101.0	V	258.0	43.9	2.3	27.8	74
6821.250000	46.5	101.0	H	0.0	40.7	5.8	27.5	74
7978.125000	47.4	101.0	V	22.0	40.0	7.4	26.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	27.5	101.0	V	22.0	29.5	-2.0	26.5	54
4126.250000	28.8	101.0	V	140.0	29.2	-0.4	25.2	54
4859.375000	30.3	101.0	V	174.0	28.6	1.7	23.7	54
5487.500000	33.0	101.0	H	204.0	29.9	3.1	21.0	54
6998.750000	35.1	101.0	H	0.0	28.6	6.5	18.9	54
7578.750000	33.4	101.0	V	90.0	26.3	7.1	20.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

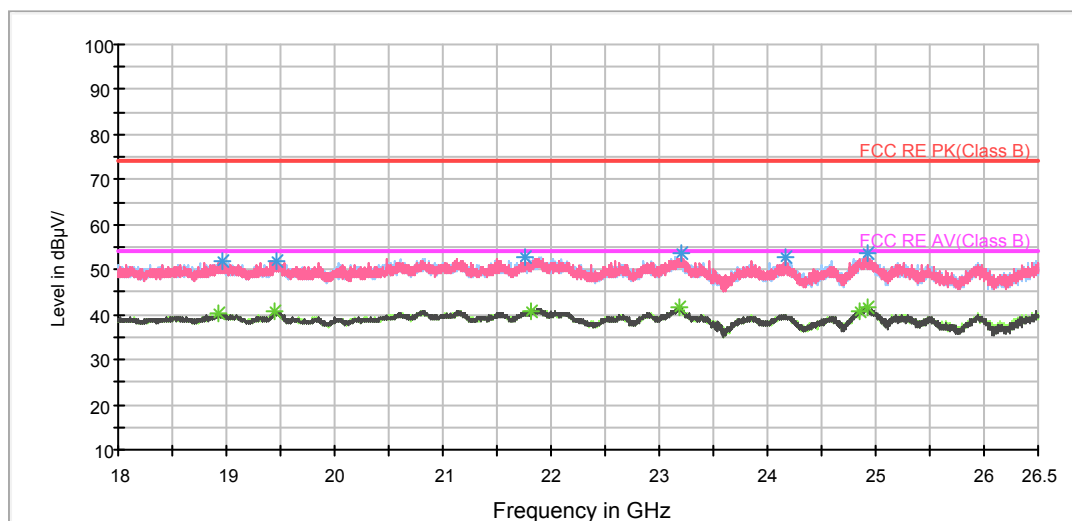
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9118.750000	48.6	150.0	H	0.0	38.6	10.0	25.4	74
9227.500000	48.6	150.0	H	275.0	38.7	9.9	25.4	74
11902.500000	50.0	150.0	V	66.0	37.8	12.2	24.0	74
12647.500000	52.5	150.0	H	0.0	38.2	14.3	21.5	74
15468.750000	56.4	150.0	V	103.0	36.7	19.7	17.6	74
17718.750000	62.7	150.0	V	230.0	38.1	24.6	11.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	36.1	150.0	V	84.0	25.9	10.2	17.9	54
9235.000000	36.3	150.0	V	66.0	26.4	9.9	17.7	54
11903.750000	37.2	150.0	H	74.0	25.0	12.2	16.8	54
12641.250000	40.6	150.0	V	28.0	26.1	14.5	13.4	54
15417.500000	44.6	150.0	V	0.0	25.3	19.3	9.4	54
17998.750000	51.1	150.0	V	103.0	25.7	25.4	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

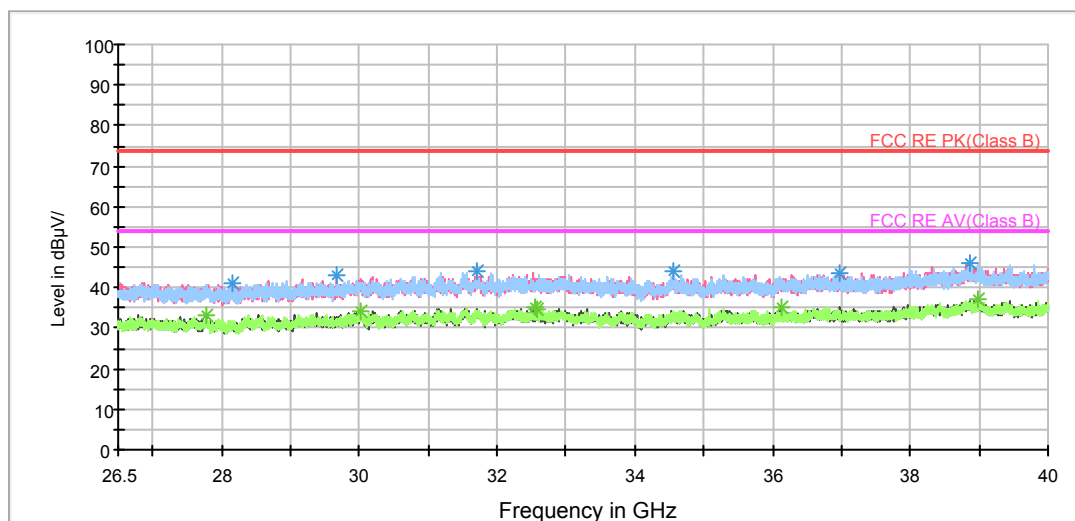
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18970.062500	51.9	V	221.0	52.0	-0.1	22.1	74
19468.375000	51.9	V	231.0	51.8	0.1	22.1	74
21761.250000	52.6	H	270.0	54.9	-2.3	21.4	74
23203.062500	53.5	V	90.0	53.6	-0.1	20.5	74
24172.062500	52.7	V	183.0	53.4	-0.7	21.3	74
24924.312500	53.5	H	220.0	52.8	0.7	20.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18930.750000	40.3	H	220.0	40.2	0.1	13.7	54
19446.062500	40.6	H	270.0	40.6	0.0	13.4	54
21822.875000	40.8	V	90.0	42.8	-2.0	13.2	54
23180.750000	41.5	H	220.0	41.6	-0.1	12.5	54
24843.562500	40.7	V	153.0	40.4	0.3	13.3	54
24924.312500	41.6	V	90.0	40.9	0.7	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28157.125000	41.1	H	199.0	42.7	-1.6	32.9	74
29669.125000	43.0	V	107.0	43.7	-0.7	31.0	74
31716.062500	44.2	V	270.0	44.7	-0.5	29.8	74
34561.187500	43.8	H	93.0	44.8	-1.0	30.2	74
36984.437500	43.6	V	130.0	43.7	-0.1	30.4	74
38872.750000	45.8	V	267.0	42.9	2.9	28.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

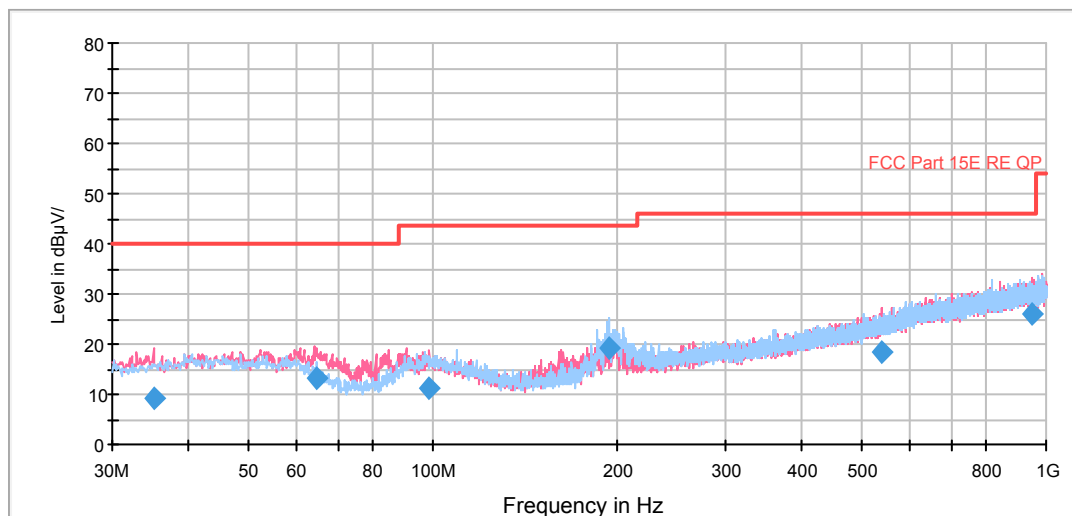
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27772.375000	33.1	V	201.0	34.6	-1.5	20.9	54
30020.125000	34.1	V	270.0	34.5	-0.4	19.9	54
32556.437500	35.1	V	210.0	35.7	-0.6	18.9	54
32590.187500	34.8	H	140.0	35.5	-0.7	19.2	54
36142.375000	35.3	V	270.0	35.5	-0.2	18.7	54
38995.937500	37.0	H	90.0	34.0	3.0	17.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT20) CH165

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

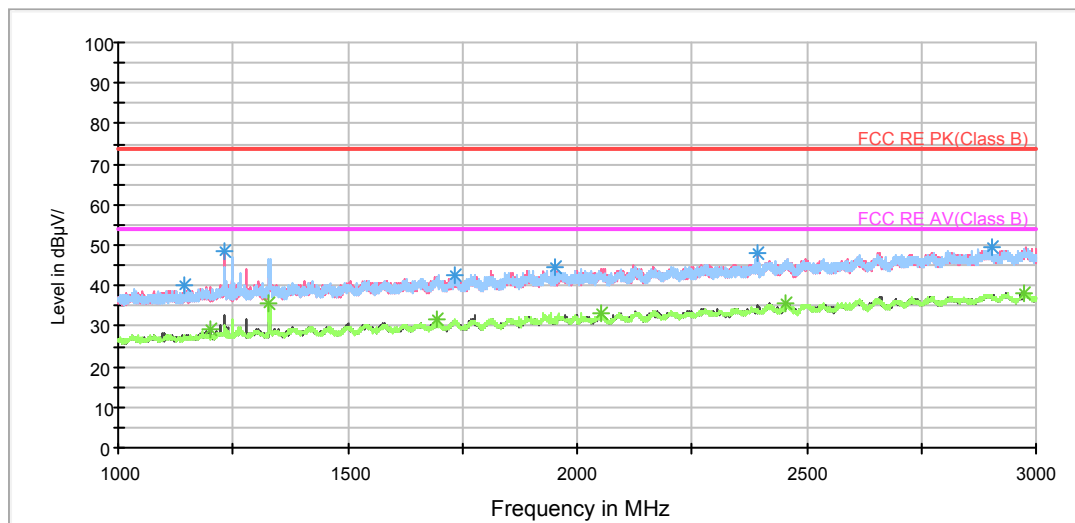
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
35.132500	9.2	125.0	V	0.0	-2.9	12.1	30.8	40.0
64.550000	13.1	100.0	V	225.0	2.2	10.9	26.9	40.0
98.270000	11.2	100.0	V	192.0	-1.9	13.1	32.3	43.5
193.728750	19.3	125.0	H	90.0	7.5	11.8	24.2	43.5
540.946250	18.3	125.0	V	329.0	-3.1	21.4	27.7	46.0
951.100000	25.9	114.0	V	42.0	-1.3	27.2	20.1	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

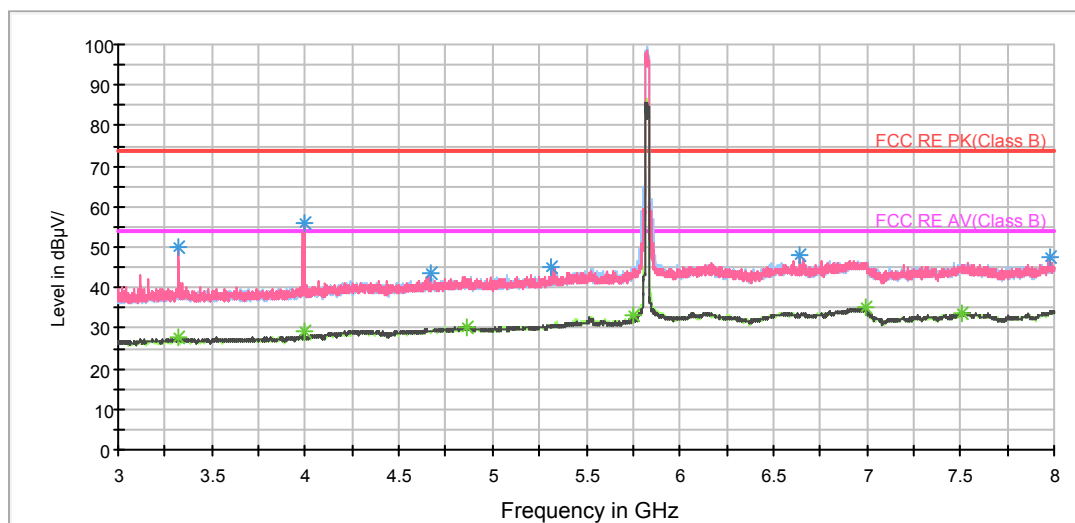
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1142.250000	40.2	100.0	H	117.0	48.7	-8.5	33.8	74
1231.750000	48.4	100.0	V	313.0	56.2	-7.8	25.6	74
1731.750000	42.8	100.0	H	18.0	47.6	-4.8	31.2	74
1951.750000	44.6	100.0	H	126.0	48.2	-3.6	29.4	74
2395.000000	47.9	100.0	V	251.0	49.2	-1.3	26.1	74
2901.750000	49.3	100.0	V	259.0	47.3	2.0	24.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.250000	29.1	100.0	V	321.0	37.3	-8.2	24.9	54
1329.000000	35.4	100.0	H	126.0	42.8	-7.4	18.6	54
1696.000000	31.6	100.0	V	268.0	36.6	-5.0	22.4	54
2052.000000	33.2	100.0	V	340.0	36.4	-3.2	20.8	54
2455.750000	35.5	100.0	H	0.0	36.0	-0.5	18.5	54
2975.750000	38.2	100.0	H	0.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

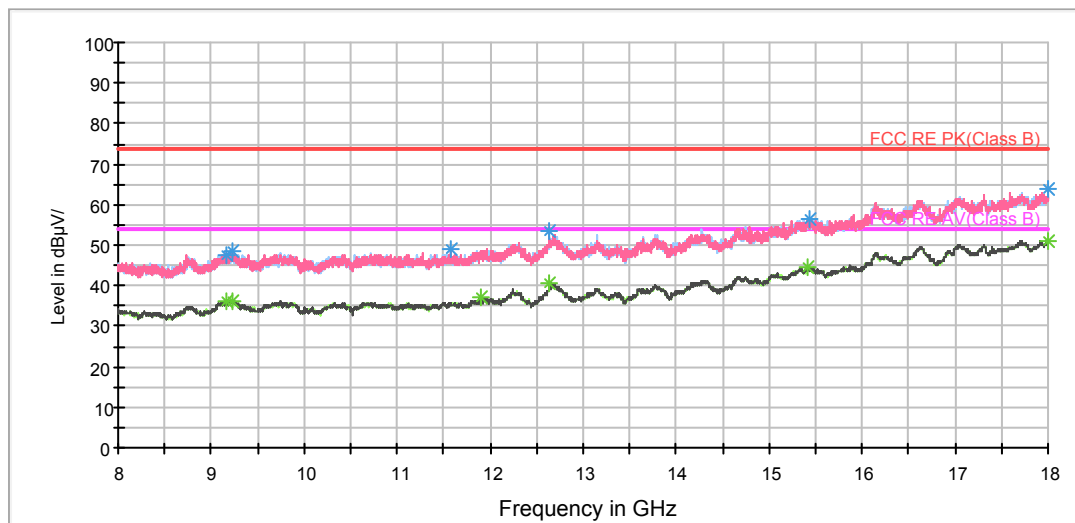
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3318.125000	50.0	101.0	V	239.0	52.1	-2.1	24.0	74
3997.500000	55.8	101.0	V	205.0	56.9	-1.1	18.2	74
4665.625000	43.3	101.0	V	120.0	42.5	0.8	30.7	74
5313.125000	45.3	101.0	V	239.0	42.9	2.4	28.7	74
6643.125000	48.1	101.0	V	273.0	42.6	5.5	25.9	74
7982.500000	47.5	101.0	V	86.0	40.1	7.4	26.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3318.125000	27.6	101.0	V	239.0	29.7	-2.1	26.4	54
3997.500000	29.0	101.0	V	205.0	30.1	-1.1	25.0	54
4865.000000	30.3	101.0	H	339.0	28.6	1.7	23.7	54
5751.250000	33.4	101.0	H	206.0	29.8	3.6	20.6	54
6998.750000	34.9	101.0	H	339.0	28.4	6.5	19.1	54
7510.625000	33.6	101.0	H	0.0	26.6	7.0	20.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

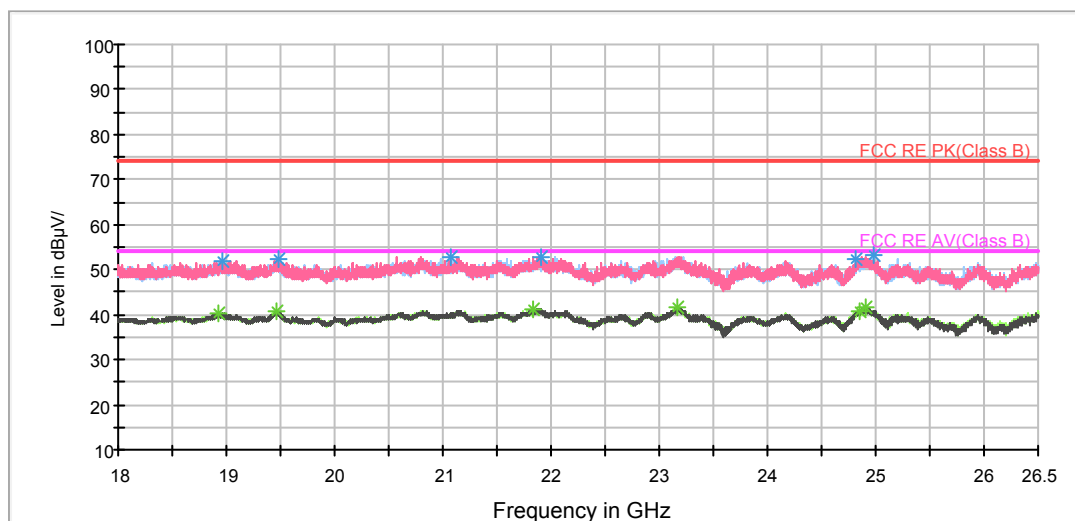
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	47.7	150.0	H	0.0	37.4	10.3	26.3	74
9238.750000	48.7	150.0	V	302.0	38.8	9.9	25.3	74
11583.750000	49.1	150.0	V	118.0	38.0	11.1	24.9	74
12638.750000	53.5	150.0	H	186.0	39.1	14.4	20.5	74
15436.250000	56.6	150.0	H	258.0	37.1	19.5	17.4	74
17997.500000	63.6	150.0	H	93.0	38.2	25.4	10.4	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	35.9	150.0	H	0.0	25.6	10.3	18.1	54
9233.750000	36.3	150.0	H	312.0	26.4	9.9	17.7	54
11901.250000	37.0	150.0	H	186.0	24.7	12.3	17.0	54
12640.000000	40.8	150.0	H	277.0	26.2	14.6	13.2	54
15417.500000	44.5	150.0	V	265.0	25.2	19.3	9.5	54
18000.000000	51.1	150.0	H	0.0	25.6	25.5	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

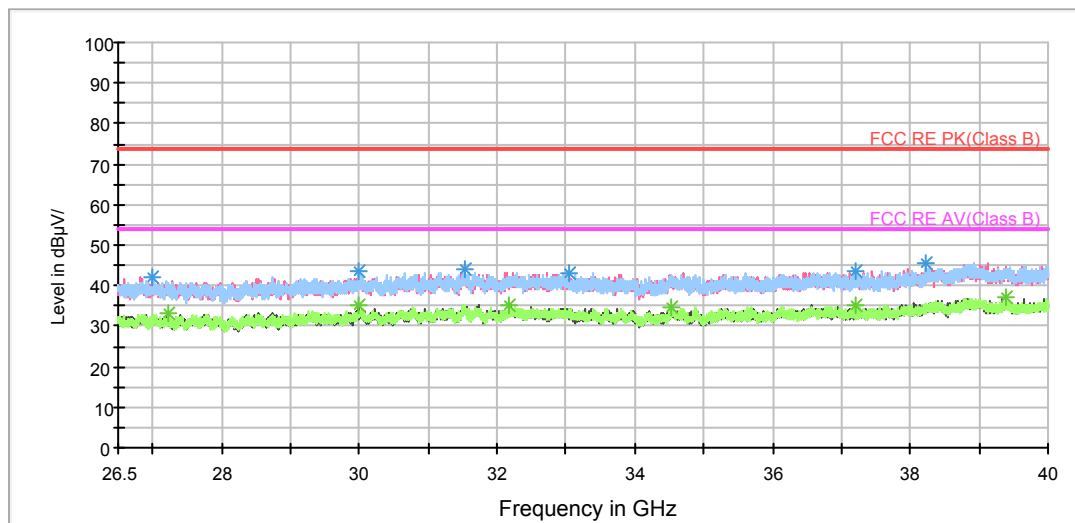
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18965.812500	52.0	V	222.0	52.1	-0.1	22.0	74
19476.875000	52.1	H	245.0	52.0	0.1	21.9	74
21068.500000	52.8	H	270.0	54.3	-1.5	21.2	74
21902.562500	52.9	H	126.0	54.5	-1.6	21.1	74
24820.187500	52.2	H	182.0	52.0	0.2	21.8	74
24973.187500	53.0	H	107.0	52.0	1.0	21.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18932.875000	40.2	V	90.0	40.1	0.1	13.8	54
19467.312500	40.6	H	270.0	40.5	0.1	13.4	54
21839.875000	41.0	V	103.0	42.9	-1.9	13.0	54
23158.437500	41.5	V	90.0	41.6	-0.1	12.5	54
24843.562500	40.9	V	90.0	40.6	0.3	13.1	54
24914.750000	41.5	H	200.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26992.750000	42.0	V	258.0	42.9	-0.9	32.0	74
29979.625000	43.8	H	266.0	44.2	-0.4	30.2	74
31530.437500	43.9	H	90.0	44.4	-0.5	30.1	74
33039.062500	43.2	H	131.0	44.1	-0.9	30.8	74
37197.062500	43.5	H	90.0	43.3	0.2	30.5	74
38228.125000	45.8	H	140.0	43.9	1.9	28.2	74

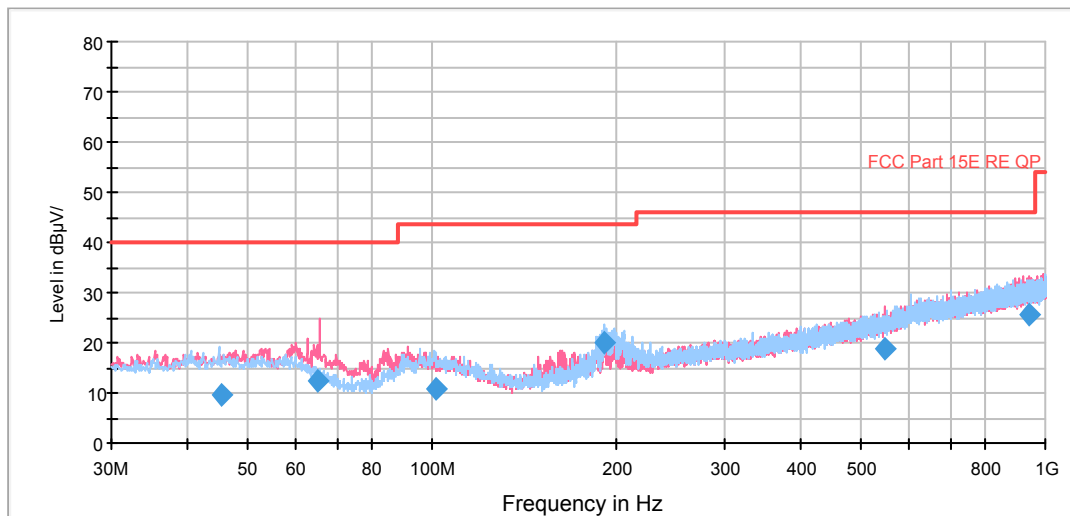
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27217.187500	33.1	H	241.0	34.2	-1.1	20.9	54
29998.187500	35.3	V	191.0	35.7	-0.4	18.7	54
32180.125000	35.3	H	131.0	35.8	-0.5	18.7	54
34530.812500	34.5	H	90.0	35.5	-1.0	19.5	54
37195.375000	35.2	V	150.0	35.0	0.2	18.8	54
39377.312500	36.9	H	90.0	34.2	2.7	17.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (HT40) CH38

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

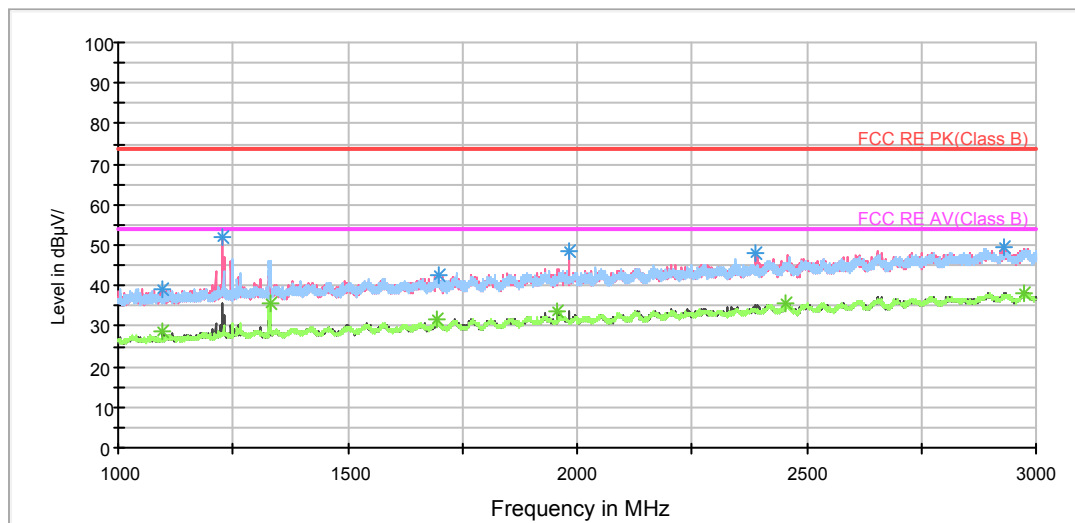
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
45.513750	9.7	125.0	H	327.0	-3.5	13.2	30.3	40.0
65.287500	12.3	100.0	V	145.0	1.9	10.4	27.7	40.0
101.652500	10.8	125.0	H	300.0	-2.3	13.1	32.7	43.5
190.778750	20.2	100.0	H	87.0	8.7	11.5	23.3	43.5
548.948750	18.6	125.0	V	215.0	-2.9	21.5	27.4	46.0
939.938750	25.8	114.0	V	0.0	-1.3	27.1	20.2	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

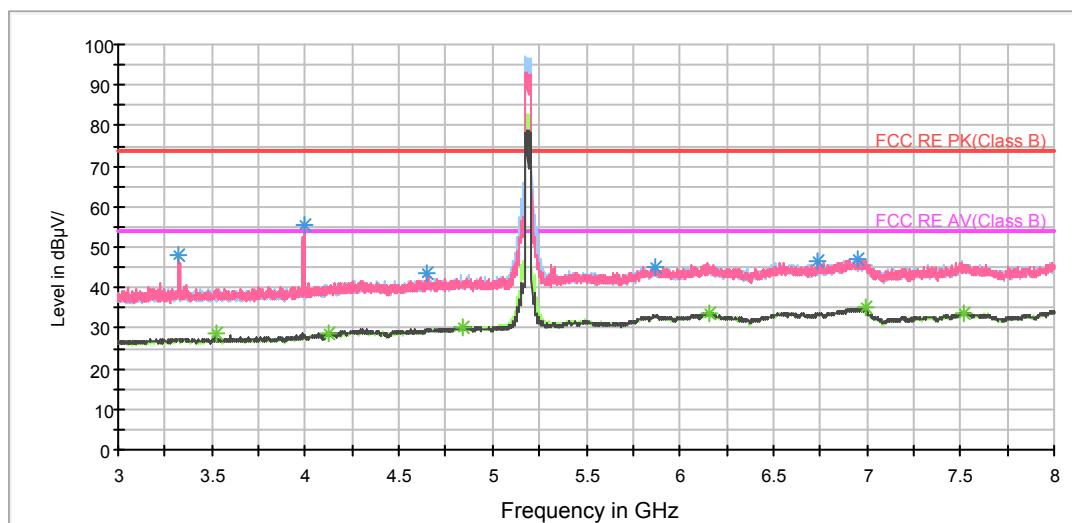
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.500000	39.2	100.0	V	273.0	48.1	-8.9	34.8	74
1229.000000	51.8	100.0	V	264.0	59.5	-7.7	22.2	74
1698.000000	42.4	100.0	H	205.0	47.4	-5.0	31.6	74
1982.750000	48.6	100.0	V	136.0	52.4	-3.8	25.4	74
2390.000000	48.0	100.0	V	80.0	49.4	-1.4	26.0	74
2930.750000	49.3	100.0	V	273.0	47.5	1.8	24.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.500000	28.8	100.0	V	273.0	37.7	-8.9	25.2	54
1330.000000	35.8	100.0	H	125.0	43.2	-7.4	18.2	54
1696.000000	31.5	100.0	V	246.0	36.5	-5.0	22.5	54
1958.500000	33.9	100.0	V	127.0	37.1	-3.2	20.1	54
2456.250000	35.5	100.0	V	228.0	36.0	-0.5	18.5	54
2972.000000	38.2	100.0	H	116.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

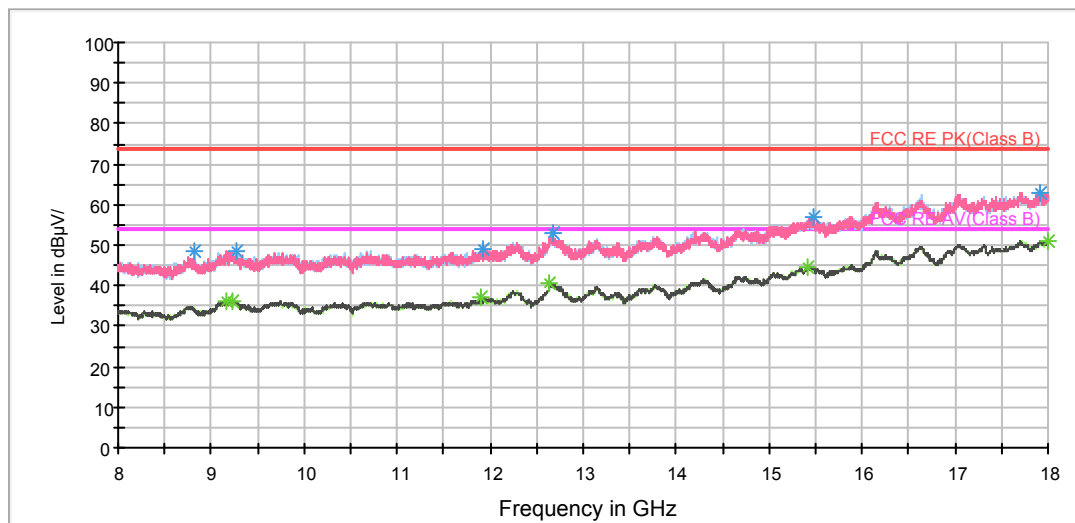
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3325.000000	47.9	101.0	V	223.0	50.0	-2.1	26.1	74
3995.000000	55.4	101.0	V	189.0	56.5	-1.1	18.6	74
4649.375000	43.6	101.0	V	71.0	42.7	0.9	30.4	74
5866.250000	45.3	101.0	V	0.0	40.4	4.9	28.7	74
6738.750000	46.5	101.0	V	0.0	41.0	5.5	27.5	74
6951.250000	47.0	101.0	V	0.0	40.8	6.2	27.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	28.5	101.0	V	223.0	30.5	-2.0	25.5	54
4129.375000	28.9	101.0	V	36.0	29.3	-0.4	25.1	54
4843.750000	30.3	101.0	H	321.0	28.7	1.6	23.7	54
6158.125000	33.8	101.0	V	71.0	28.2	5.6	20.2	54
6998.750000	35.1	101.0	V	54.0	28.6	6.5	18.9	54
7515.000000	33.8	101.0	H	171.0	26.8	7.0	20.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

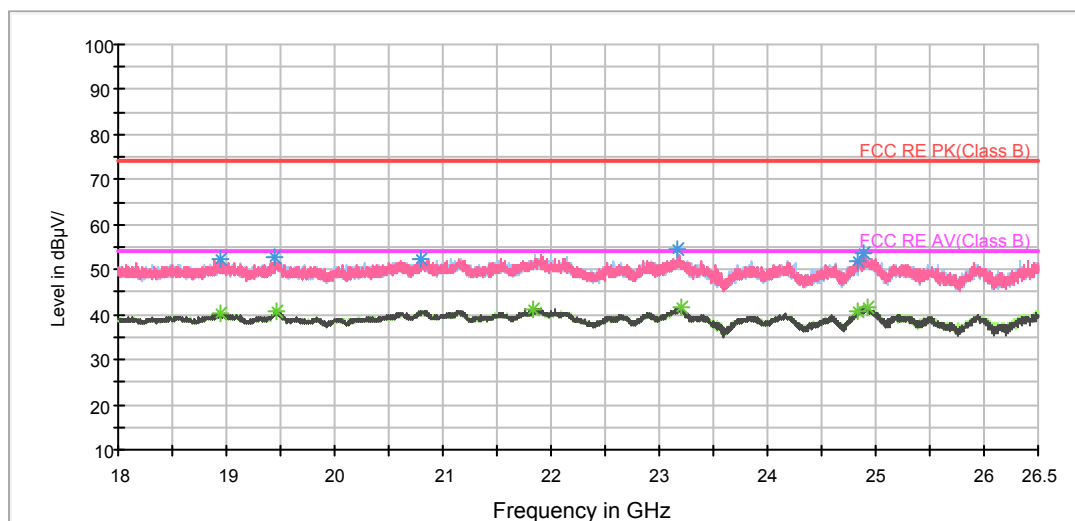
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8826.250000	48.3	150.0	H	74.0	40.2	8.1	25.7	74
9272.500000	48.5	150.0	H	276.0	39.2	9.3	25.5	74
11931.250000	48.9	150.0	H	0.0	37.2	11.7	25.1	74
12666.250000	53.0	150.0	H	74.0	39.1	13.9	21.0	74
15482.500000	57.1	150.0	V	194.0	37.3	19.8	16.9	74
17907.500000	63.0	150.0	H	74.0	37.6	25.4	11.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	36.0	150.0	V	0.0	25.7	10.3	18.0	54
9228.750000	36.3	150.0	H	203.0	26.4	9.9	17.7	54
11902.500000	37.1	150.0	H	239.0	24.9	12.2	16.9	54
12642.500000	40.7	150.0	H	276.0	26.2	14.5	13.3	54
15420.000000	44.5	150.0	V	0.0	25.1	19.4	9.5	54
17995.000000	51.2	150.0	H	203.0	25.9	25.3	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

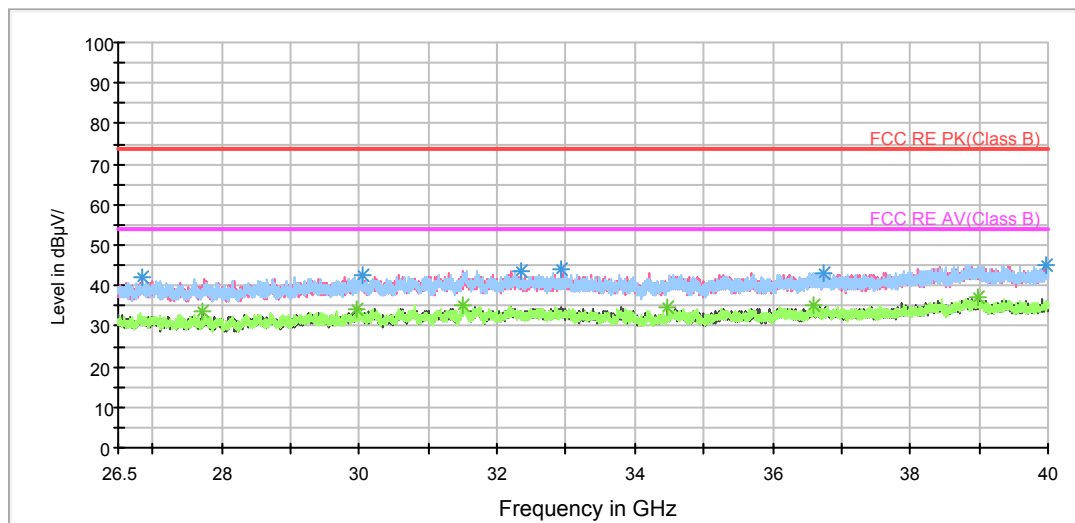
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18947.750000	52.3	H	270.0	52.3	0.0	21.7	74
19453.500000	52.7	V	140.0	52.7	0.0	21.3	74
20798.625000	52.4	V	204.0	54.3	-1.9	21.6	74
23162.687500	54.5	H	146.0	54.6	-0.1	19.5	74
24830.812500	52.1	V	90.0	51.9	0.2	21.9	74
24887.125000	53.7	V	90.0	53.2	0.5	20.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18938.187500	40.2	V	90.0	40.2	0.0	13.8	54
19458.812500	40.7	V	176.0	40.7	0.0	13.3	54
21829.250000	41.1	V	90.0	43.0	-1.9	12.9	54
23198.812500	41.6	V	112.0	41.7	-0.1	12.4	54
24829.750000	40.9	H	227.0	40.7	0.2	13.1	54
24924.312500	41.5	H	270.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26849.312500	42.3	V	130.0	43.0	-0.7	31.7	74
30042.062500	42.3	V	141.0	42.7	-0.4	31.7	74
32343.812500	43.7	V	270.0	44.3	-0.6	30.3	74
32932.750000	44.3	V	191.0	45.1	-0.8	29.7	74
36753.250000	43.3	H	90.0	43.4	-0.1	30.7	74
39957.812500	45.2	V	141.0	42.9	2.3	28.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

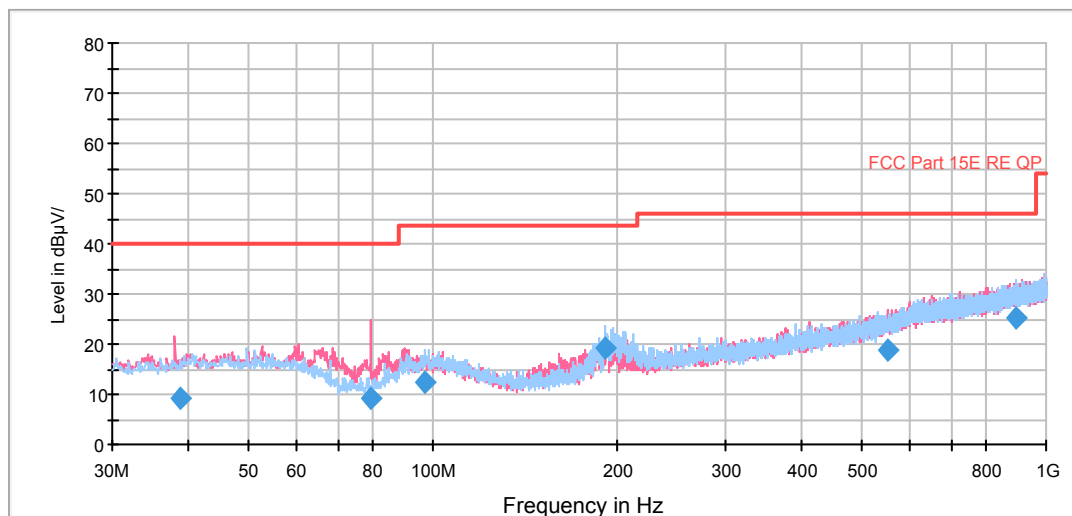
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27735.250000	33.4	V	211.0	34.9	-1.5	20.6	54
29967.812500	34.3	V	201.0	34.7	-0.4	19.7	54
31518.625000	35.3	H	90.0	35.8	-0.5	18.7	54
34473.437500	34.5	V	161.0	35.6	-1.1	19.5	54
36586.187500	35.1	H	92.0	35.2	-0.1	18.9	54
38977.375000	37.4	H	270.0	34.4	3.0	16.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT40) CH46

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

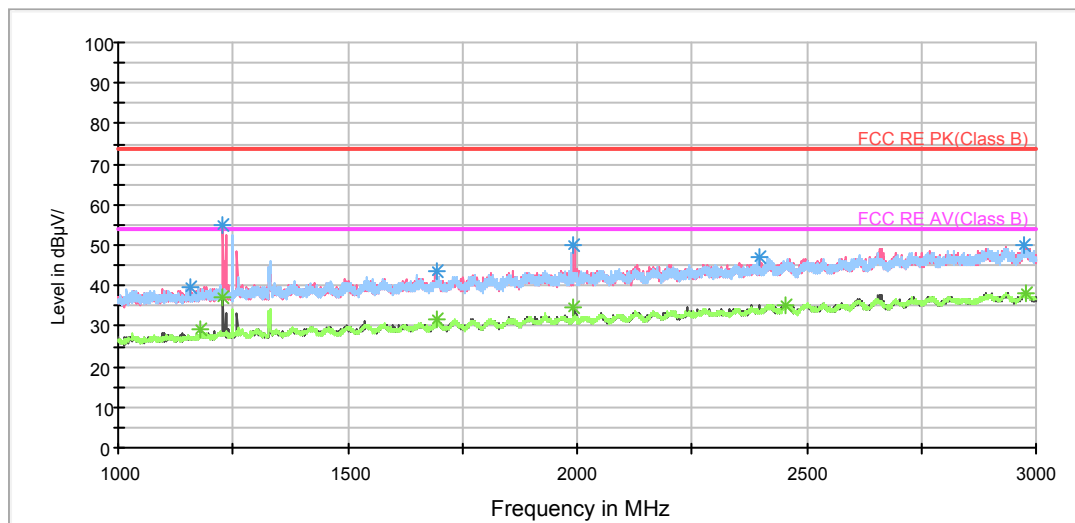
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.602500	9.1	114.0	V	140.0	-3.8	12.9	30.9	40.0
79.068750	9.4	100.0	V	144.0	0.8	8.6	30.6	40.0
96.730000	12.3	125.0	H	0.0	-0.5	12.8	31.2	43.5
190.778750	19.2	100.0	H	264.0	7.7	11.5	24.3	43.5
551.943750	18.7	100.0	V	340.0	-2.9	21.6	27.3	46.0
891.111250	25.3	125.0	H	267.0	-1.3	26.6	20.7	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

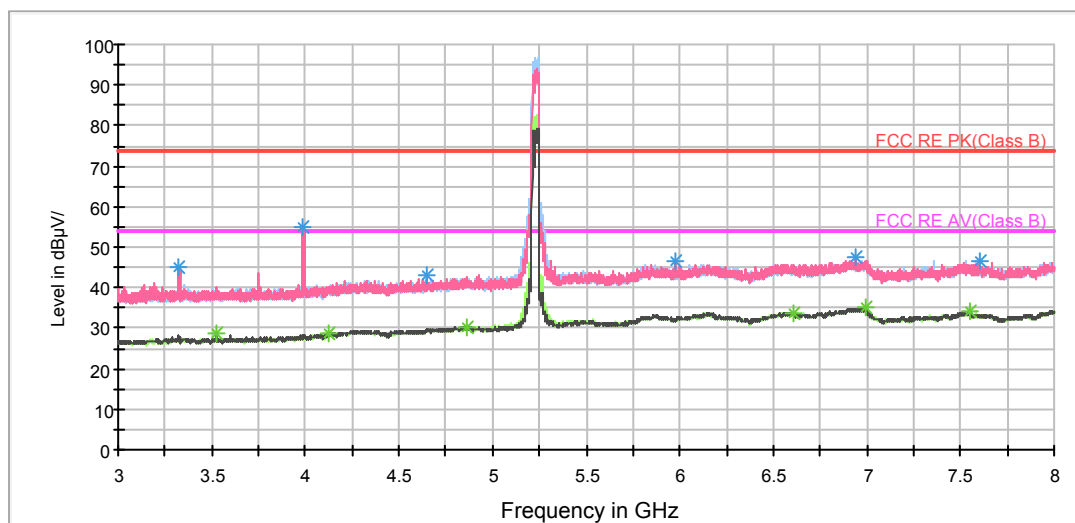
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1158.750000	39.7	100.0	V	328.0	48.1	-8.4	34.3	74
1229.250000	54.8	100.0	V	258.0	62.5	-7.7	19.2	74
1694.250000	43.6	100.0	V	266.0	48.6	-5.0	30.4	74
1993.250000	49.9	100.0	V	285.0	53.2	-3.3	24.1	74
2397.500000	47.0	100.0	V	266.0	48.3	-1.3	27.0	74
2972.750000	49.9	100.0	V	258.0	47.7	2.2	24.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1180.750000	29.3	100.0	V	311.0	37.3	-8.0	24.7	54
1229.250000	37.2	100.0	V	258.0	44.9	-7.7	16.8	54
1696.500000	31.5	100.0	V	302.0	36.5	-5.0	22.5	54
1993.250000	34.7	100.0	V	285.0	38.0	-3.3	19.3	54
2455.000000	35.3	100.0	V	258.0	35.9	-0.6	18.7	54
2979.000000	38.2	100.0	V	302.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

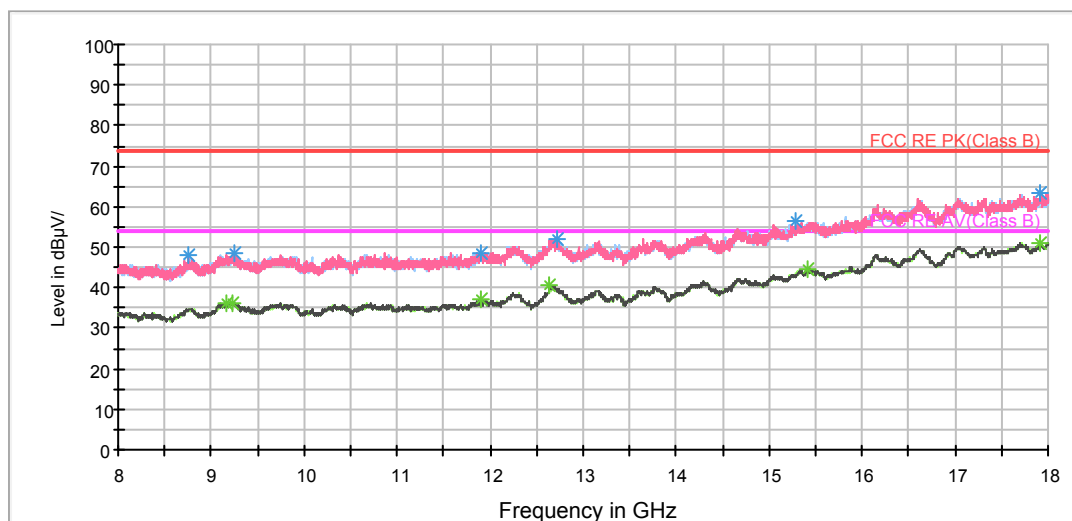
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3323.750000	44.9	100.0	V	223.0	47.0	-2.1	29.1	74
3986.875000	54.7	100.0	V	223.0	55.7	-1.0	19.3	74
4650.000000	42.8	100.0	V	104.0	41.9	0.9	31.2	74
5974.375000	46.3	100.0	V	0.0	41.6	4.7	27.7	74
6936.250000	47.6	100.0	V	223.0	41.5	6.1	26.4	74
7603.125000	46.3	100.0	H	359.0	39.3	7.0	27.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	28.6	100.0	V	223.0	30.6	-2.0	25.4	54
4121.875000	28.8	100.0	V	36.0	29.3	-0.5	25.2	54
4861.250000	30.3	100.0	V	154.0	28.6	1.7	23.7	54
6603.125000	33.8	100.0	V	0.0	28.1	5.7	20.2	54
6998.750000	35.0	100.0	H	239.0	28.5	6.5	19.0	54
7553.750000	34.3	100.0	H	239.0	27.3	7.0	19.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

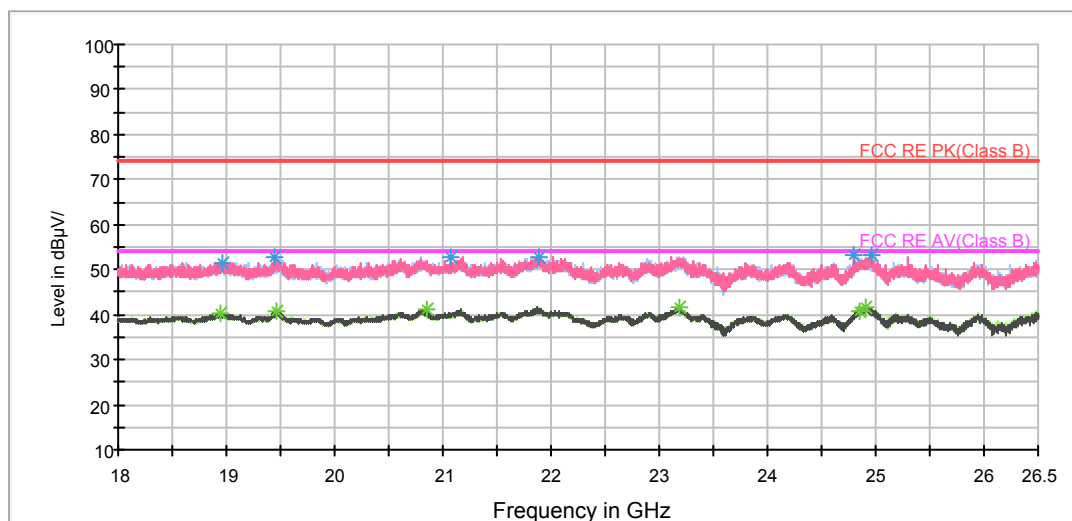
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8753.750000	48.1	150.0	V	0.0	39.9	8.2	25.9	74
9243.750000	48.3	150.0	V	156.0	38.5	9.8	25.7	74
11900.000000	48.7	150.0	V	305.0	36.4	12.3	25.3	74
12728.750000	52.2	150.0	H	0.0	38.2	14.0	21.8	74
15287.500000	56.4	150.0	H	56.0	38.2	18.2	17.6	74
17920.000000	63.3	150.0	V	230.0	37.5	25.8	10.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	36.0	150.0	H	280.0	25.7	10.3	18.0	54
9237.500000	36.3	150.0	V	120.0	26.4	9.9	17.7	54
11900.000000	37.1	150.0	H	0.0	24.8	12.3	16.9	54
12638.750000	40.6	150.0	V	0.0	26.2	14.4	13.4	54
15421.250000	44.6	150.0	H	354.0	25.2	19.4	9.4	54
17920.000000	51.2	150.0	V	230.0	25.4	25.8	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

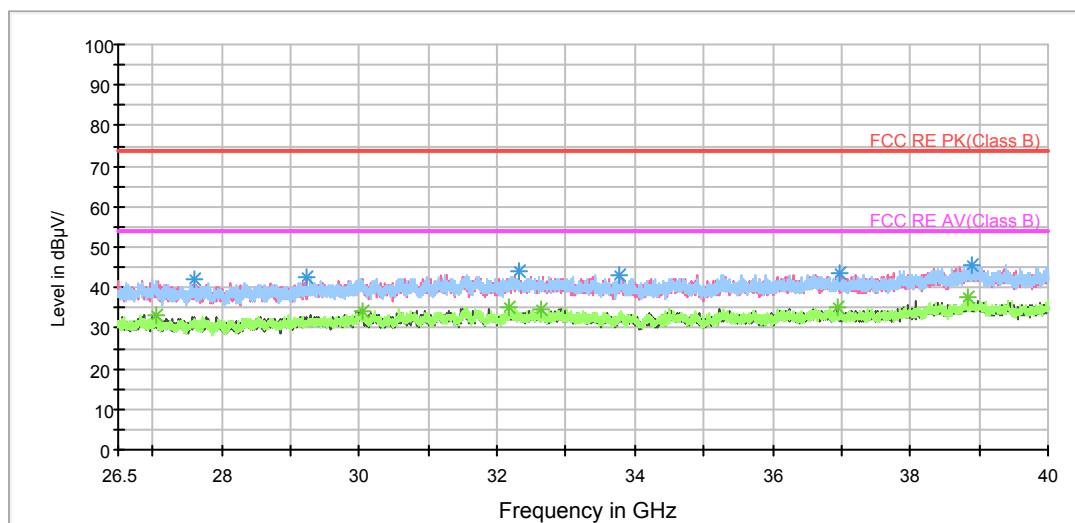
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18956.250000	51.6	H	211.0	51.6	0.0	22.4	74
19448.187500	52.8	V	90.0	52.8	0.0	21.2	74
21072.750000	52.8	V	94.0	54.3	-1.5	21.2	74
21895.125000	53.0	V	148.0	54.6	-1.6	21.0	74
24805.312500	53.1	V	112.0	53.0	0.1	20.9	74
24972.125000	53.3	V	90.0	52.3	1.0	20.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18941.375000	40.3	V	90.0	40.3	0.0	13.7	54
19462.000000	40.7	V	130.0	40.6	0.1	13.3	54
20846.437500	41.0	H	270.0	43.2	-2.2	13.0	54
23186.062500	41.6	H	165.0	41.7	-0.1	12.4	54
24844.625000	40.9	H	270.0	40.6	0.3	13.1	54
24903.062500	41.6	V	112.0	41.0	0.6	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27601.937500	42.0	H	90.0	43.4	-1.4	32.0	74
29247.250000	42.8	V	270.0	43.8	-1.0	31.2	74
32330.312500	44.1	H	253.0	44.7	-0.6	29.9	74
33776.500000	43.0	H	90.0	44.3	-1.3	31.0	74
36972.625000	43.6	V	251.0	43.7	-0.1	30.4	74
38898.062500	45.6	V	269.0	42.7	2.9	28.4	74

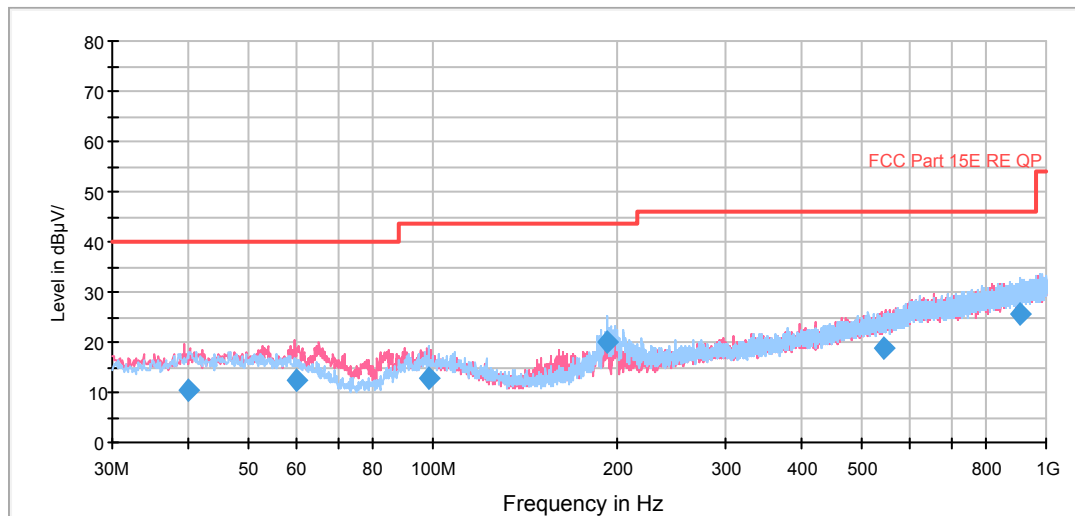
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27045.062500	33.1	H	90.0	34.0	-0.9	20.9	54
30035.312500	34.3	H	90.0	34.7	-0.4	19.7	54
32181.812500	35.0	V	211.0	35.5	-0.5	19.0	54
32625.625000	34.8	H	159.0	35.5	-0.7	19.2	54
36935.500000	35.3	V	161.0	35.4	-0.1	18.7	54
38825.500000	37.4	V	241.0	34.6	2.8	16.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (HT40) CH151

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

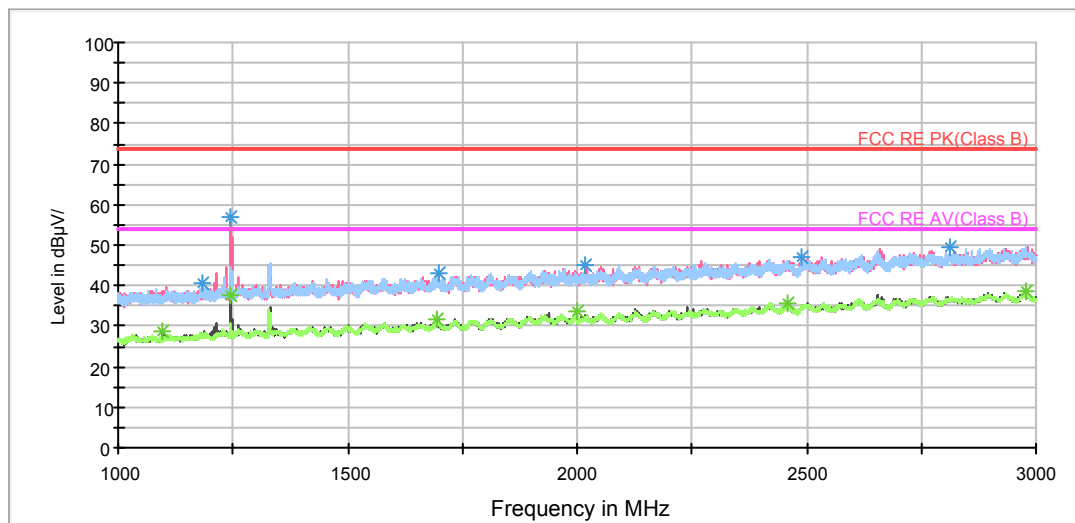
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
39.936250	10.3	125.0	V	41.0	-2.9	13.2	29.7	40.0
59.943750	12.3	100.0	V	334.0	-0.3	12.6	27.7	40.0
98.343750	12.9	125.0	H	118.0	-0.2	13.1	30.6	43.5
192.273750	20.1	100.0	H	87.0	8.5	11.6	23.4	43.5
545.438750	18.7	100.0	V	43.0	-2.9	21.6	27.3	46.0
907.363750	25.5	100.0	V	334.0	-1.5	27.0	20.5	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

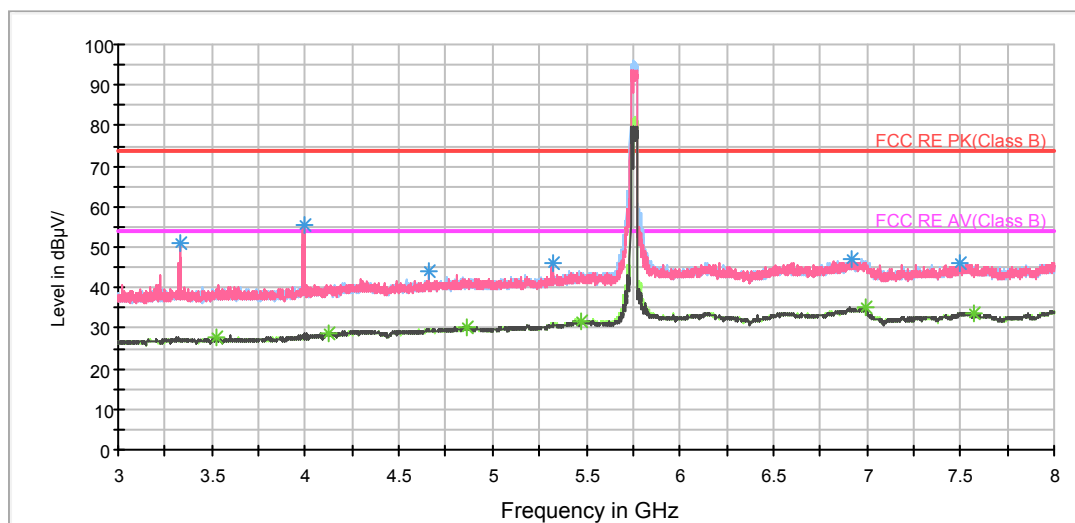
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.750000	40.4	100.0	H	309.0	48.5	-8.1	33.6	74
1244.250000	57.0	100.0	V	259.0	65.0	-8.0	17.0	74
1697.000000	42.9	100.0	V	0.0	47.9	-5.0	31.1	74
2017.500000	44.8	100.0	V	126.0	48.4	-3.6	29.2	74
2489.000000	47.0	100.0	V	0.0	46.7	0.3	27.0	74
2812.750000	49.5	100.0	H	54.0	48.1	1.4	24.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.750000	28.7	100.0	V	268.0	37.6	-8.9	25.3	54
1244.250000	37.5	100.0	V	259.0	45.5	-8.0	16.5	54
1695.000000	31.8	100.0	V	242.0	36.8	-5.0	22.2	54
1998.250000	33.7	100.0	V	285.0	37.1	-3.4	20.3	54
2457.250000	35.6	100.0	V	295.0	36.1	-0.5	18.4	54
2976.000000	38.4	100.0	V	242.0	36.2	2.2	15.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

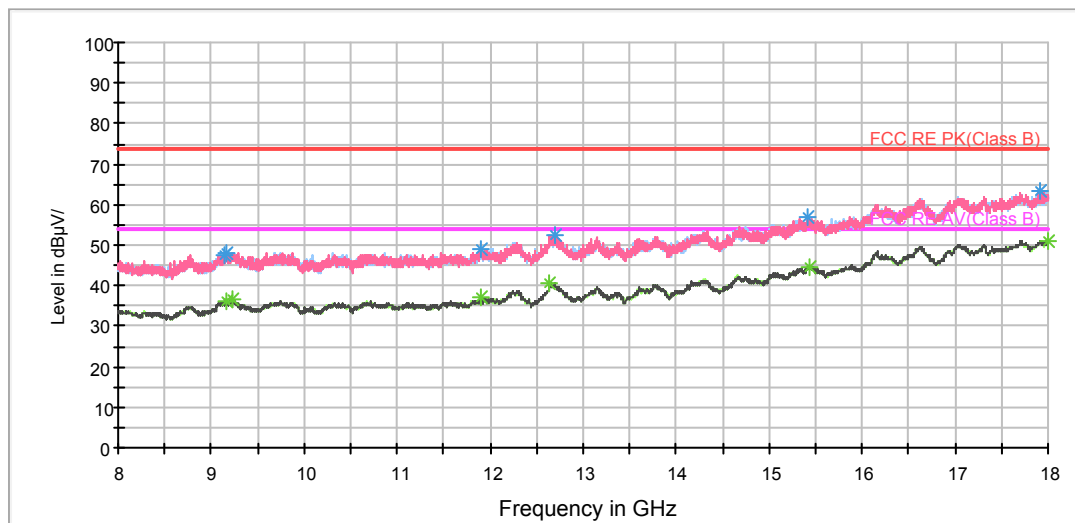
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.125000	51.0	99.0	V	238.0	53.2	-2.2	23.0	74
3997.500000	55.6	99.0	V	204.0	56.7	-1.1	18.4	74
4655.625000	44.2	99.0	V	120.0	43.4	0.8	29.8	74
5321.875000	46.0	99.0	V	204.0	43.6	2.4	28.0	74
6916.250000	47.0	99.0	H	0.0	40.8	6.2	27.0	74
7498.125000	45.9	99.0	V	0.0	39.1	6.8	28.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	27.8	99.0	V	222.0	29.8	-2.0	26.2	54
4121.875000	28.9	99.0	V	87.0	29.4	-0.5	25.1	54
4862.500000	30.4	99.0	V	0.0	28.7	1.7	23.6	54
5470.625000	31.9	99.0	H	191.0	29.0	2.9	22.1	54
6998.125000	35.0	99.0	H	207.0	28.5	6.5	19.0	54
7575.625000	33.5	99.0	V	4.0	26.4	7.1	20.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

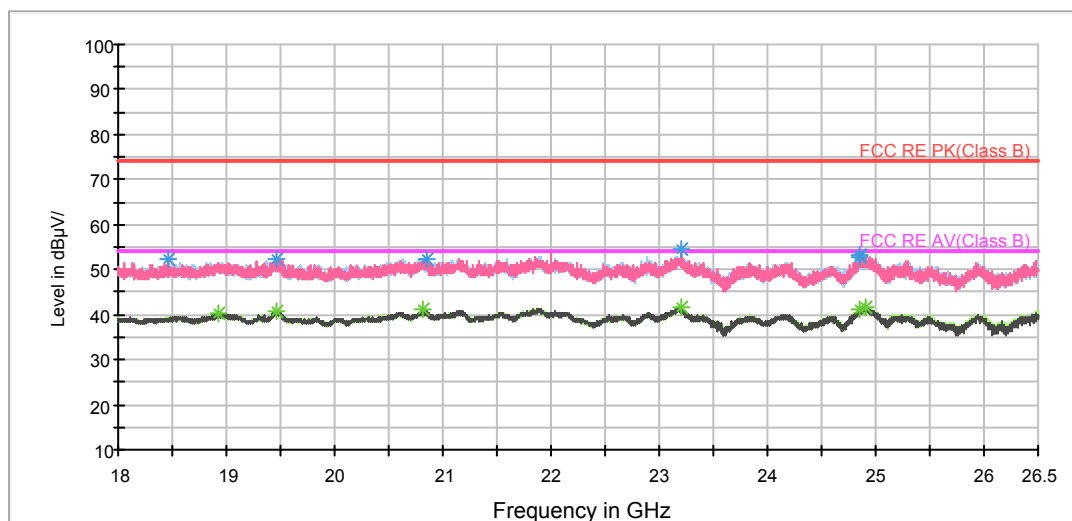
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9138.750000	47.7	150.0	V	12.0	37.8	9.9	26.3	74
9170.000000	48.2	150.0	V	30.0	38.1	10.1	25.8	74
11900.000000	48.9	150.0	V	0.0	36.6	12.3	25.1	74
12707.500000	52.6	150.0	H	333.0	38.6	14.0	21.4	74
15421.250000	56.8	150.0	V	120.0	37.4	19.4	17.2	74
17923.750000	63.4	150.0	H	223.0	37.8	25.6	10.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	36.0	150.0	V	157.0	25.8	10.2	18.0	54
9231.250000	36.4	150.0	H	0.0	26.5	9.9	17.6	54
11901.250000	37.1	150.0	V	67.0	24.8	12.3	16.9	54
12640.000000	40.6	150.0	V	0.0	26.0	14.6	13.4	54
15437.500000	44.7	150.0	H	0.0	25.2	19.5	9.3	54
17998.750000	51.2	150.0	H	333.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

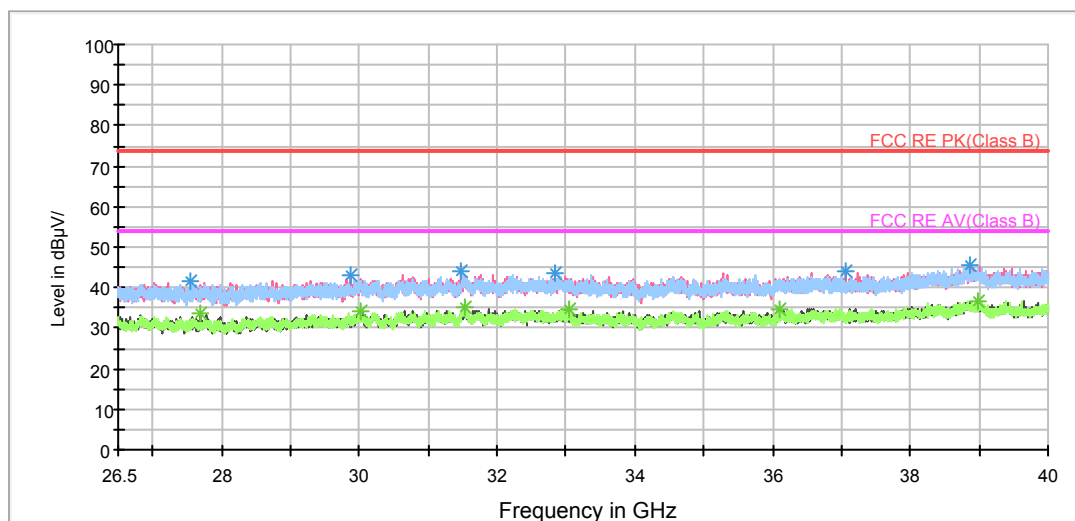
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18466.437500	52.1	V	90.0	51.7	0.4	21.9	74
19456.687500	52.3	V	252.0	52.3	0.0	21.7	74
20857.062500	52.5	H	270.0	54.8	-2.3	21.5	74
23199.875000	54.4	V	185.0	54.5	-0.1	19.6	74
24844.625000	52.7	V	90.0	52.4	0.3	21.3	74
24851.000000	53.4	H	264.0	53.1	0.3	20.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18923.312500	40.2	V	166.0	40.1	0.1	13.8	54
19463.062500	40.6	H	90.0	40.5	0.1	13.4	54
20822.000000	41.1	V	90.0	43.2	-2.1	12.9	54
23194.562500	41.5	H	220.0	41.6	-0.1	12.5	54
24843.562500	41.0	V	90.0	40.7	0.3	13.0	54
24899.875000	41.5	V	90.0	40.9	0.6	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27558.062500	41.5	H	90.0	42.8	-1.3	32.5	74
29869.937500	43.0	V	221.0	43.5	-0.5	31.0	74
31486.562500	44.0	V	231.0	44.5	-0.5	30.0	74
32834.875000	43.6	V	151.0	44.4	-0.8	30.4	74
37065.437500	43.8	V	268.0	43.8	0.0	30.2	74
38879.500000	45.8	H	112.0	42.9	2.9	28.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

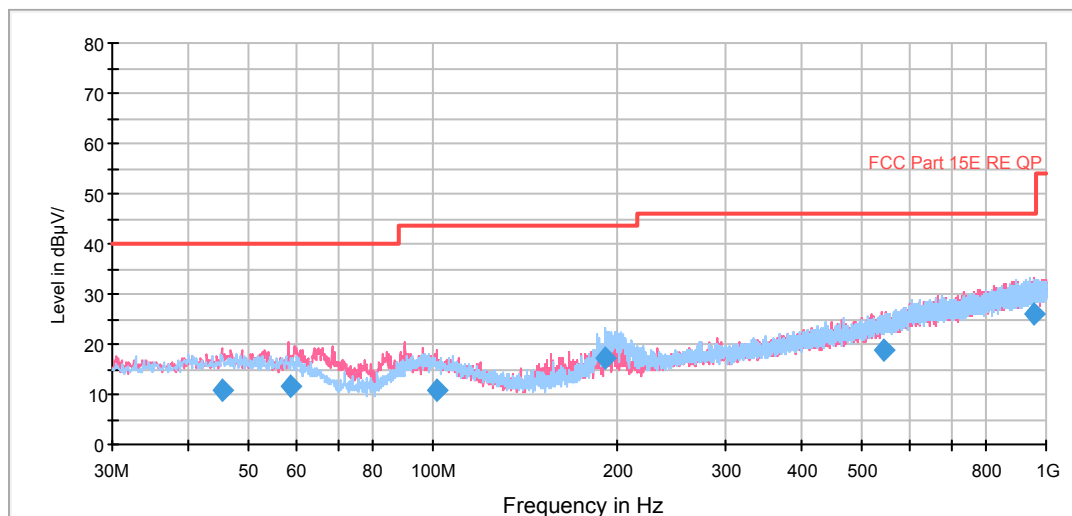
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27701.500000	33.5	V	270.0	34.9	-1.4	20.5	54
30013.375000	34.0	V	270.0	34.4	-0.4	20.0	54
31525.375000	34.9	H	131.0	35.4	-0.5	19.1	54
33050.875000	34.6	H	112.0	35.5	-0.9	19.4	54
36101.875000	34.9	V	119.0	35.1	-0.2	19.1	54
38979.062500	36.8	H	94.0	33.8	3.0	17.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT40) CH159

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

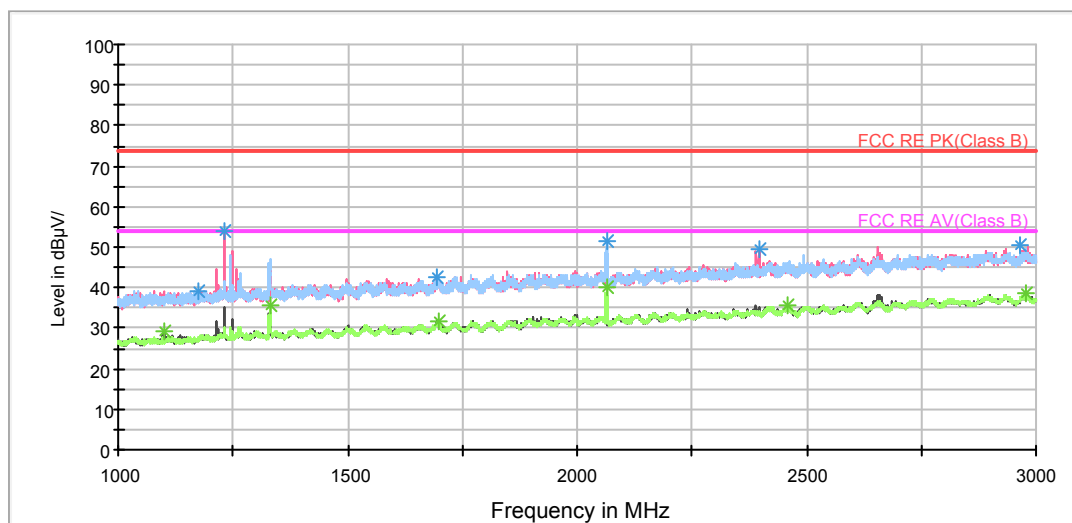
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
45.517500	10.6	125.0	V	232.0	-2.6	13.2	29.4	40.0
58.570000	11.6	125.0	V	259.0	-1.1	12.7	28.4	40.0
101.176250	10.7	125.0	V	241.0	-2.5	13.2	32.8	43.5
190.938750	17.2	100.0	H	52.0	5.7	11.5	26.3	43.5
545.438750	18.7	100.0	V	341.0	-2.9	21.6	27.3	46.0
957.926250	26.0	114.0	V	345.0	-1.2	27.2	20.0	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

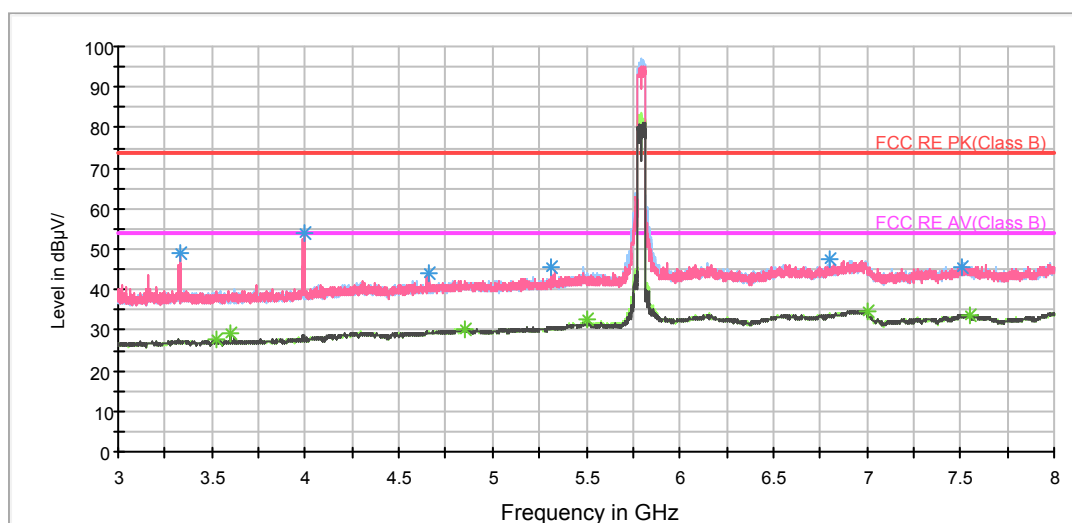
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1176.750000	39.3	100.0	H	9.0	47.3	-8.0	34.7	74
1231.250000	54.0	100.0	V	298.0	61.8	-7.8	20.0	74
1695.250000	42.7	100.0	V	298.0	47.7	-5.0	31.3	74
2063.500000	51.4	100.0	H	215.0	54.5	-3.1	22.6	74
2397.500000	49.5	100.0	V	119.0	50.8	-1.3	24.5	74
2966.250000	50.5	100.0	H	27.0	48.3	2.2	23.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1098.500000	29.0	100.0	V	280.0	37.9	-8.9	25.0	54
1330.250000	35.5	100.0	H	126.0	42.9	-7.4	18.5	54
1697.500000	31.8	100.0	V	0.0	36.8	-5.0	22.2	54
2063.500000	40.3	100.0	H	215.0	43.4	-3.1	13.7	54
2460.000000	35.6	100.0	H	143.0	36.1	-0.5	18.4	54
2977.000000	38.4	100.0	V	0.0	36.2	2.2	15.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

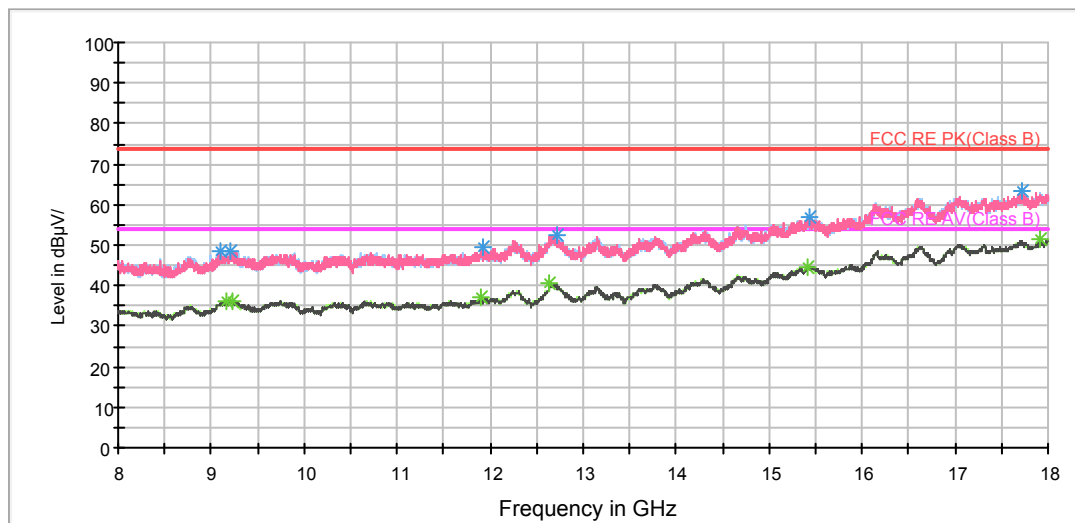
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.750000	49.2	100.0	V	221.0	51.4	-2.2	24.8	74
3996.875000	54.1	100.0	V	221.0	55.2	-1.1	19.9	74
4655.000000	44.0	100.0	V	102.0	43.2	0.8	30.0	74
5310.625000	45.6	100.0	V	35.0	43.2	2.4	28.4	74
6796.250000	47.4	98.0	H	87.0	41.7	5.7	26.6	74
7505.625000	45.7	100.0	V	186.0	38.8	6.9	28.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	27.9	100.0	V	221.0	29.9	-2.0	26.1	54
3600.000000	29.0	100.0	V	0.0	31.2	-2.2	25.0	54
4851.875000	30.1	98.0	H	230.0	28.5	1.6	23.9	54
5508.125000	32.5	98.0	H	197.0	29.4	3.1	21.5	54
6999.375000	34.9	98.0	H	315.0	28.4	6.5	19.1	54
7552.500000	33.6	100.0	V	204.0	26.6	7.0	20.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

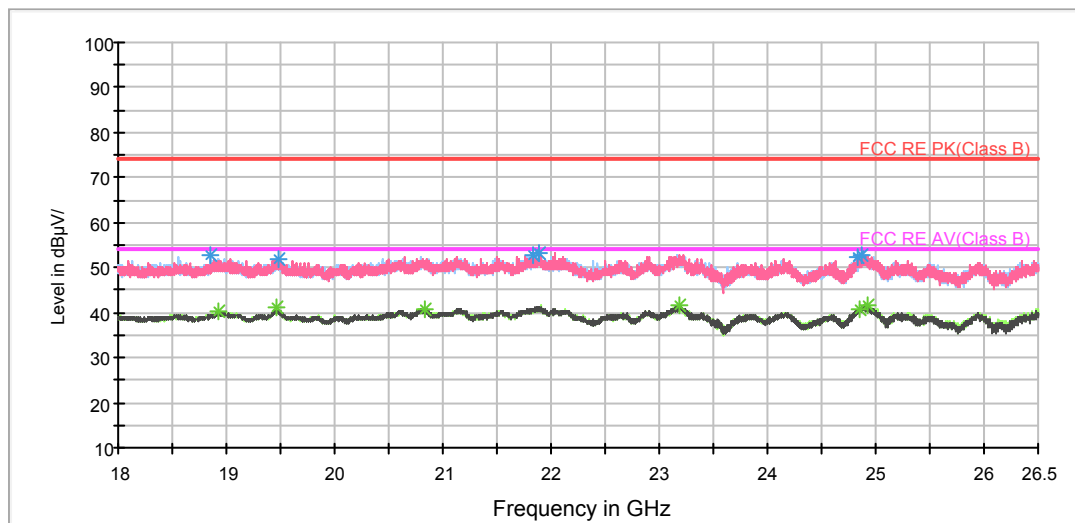
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9106.250000	48.4	150.0	V	325.0	38.7	9.7	25.6	74
9213.750000	48.6	150.0	H	222.0	38.6	10.0	25.4	74
11923.750000	49.7	150.0	V	102.0	38.1	11.6	24.3	74
12711.250000	52.4	150.0	V	139.0	38.4	14.0	21.6	74
15428.750000	56.9	150.0	V	47.0	37.4	19.5	17.1	74
17713.750000	63.1	150.0	V	29.0	38.5	24.6	10.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	36.3	150.0	H	0.0	26.0	10.3	17.7	54
9232.500000	36.3	150.0	H	0.0	26.4	9.9	17.7	54
11901.250000	37.1	150.0	V	65.0	24.8	12.3	16.9	54
12640.000000	40.7	150.0	V	29.0	26.1	14.6	13.3	54
15417.500000	44.7	150.0	V	83.0	25.4	19.3	9.3	54
17910.000000	51.3	150.0	H	131.0	25.8	25.5	2.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

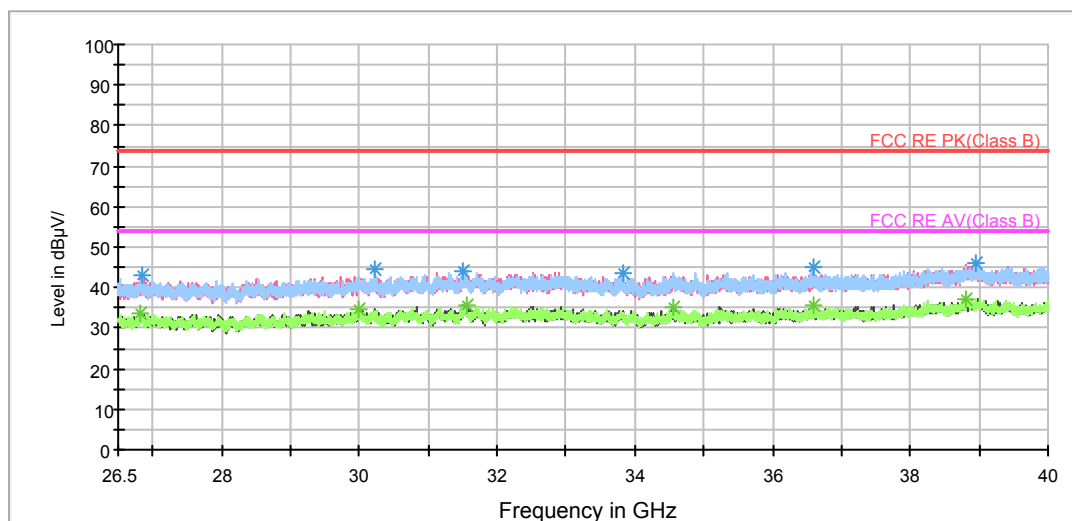
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18857.437500	52.9	H	270.0	52.8	0.1	21.1	74
19473.687500	51.9	H	183.0	51.8	0.1	22.1	74
21832.437500	52.8	H	90.0	54.7	-1.9	21.2	74
21897.250000	53.1	H	220.0	54.7	-1.6	20.9	74
24837.187500	52.5	V	184.0	52.2	0.3	21.5	74
24875.437500	52.9	H	270.0	52.4	0.5	21.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18935.000000	40.1	H	220.0	40.0	0.1	13.9	54
19468.375000	41.0	H	270.0	40.9	0.1	13.0	54
20824.125000	41.0	V	184.0	43.1	-2.1	13.0	54
23191.375000	41.7	H	270.0	41.8	-0.1	12.3	54
24844.625000	40.8	V	211.0	40.5	0.3	13.2	54
24925.375000	41.5	H	270.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26840.875000	42.9	H	90.0	43.6	-0.7	31.1	74
30232.750000	44.6	H	119.0	45.0	-0.4	29.4	74
31505.125000	44.0	H	129.0	44.5	-0.5	30.0	74
33835.562500	43.6	H	187.0	44.9	-1.3	30.4	74
36598.000000	44.9	H	90.0	45.0	-0.1	29.1	74
38955.437500	46.1	H	148.0	43.1	3.0	27.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

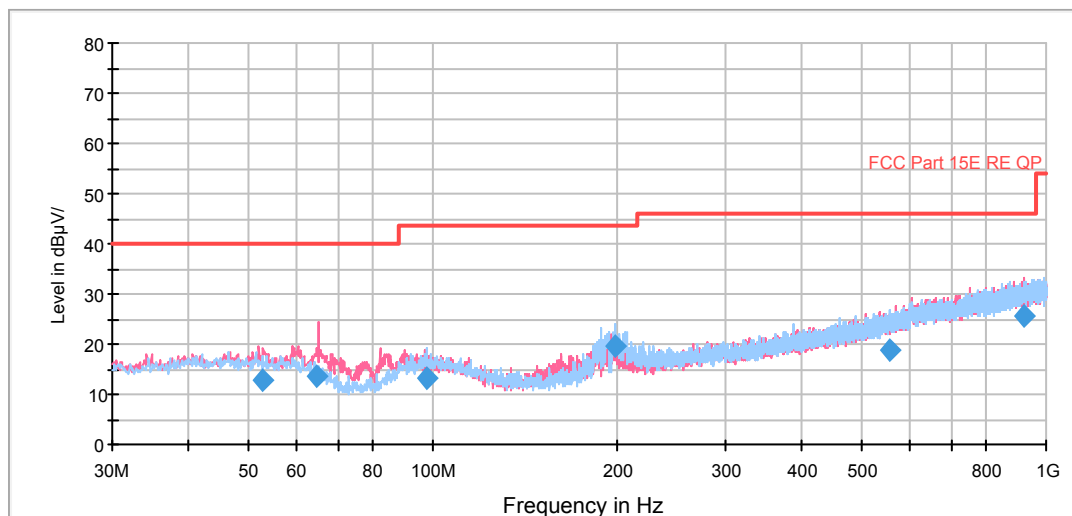
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26832.437500	33.7	H	90.0	34.4	-0.7	20.3	54
29981.312500	34.6	H	110.0	35.0	-0.4	19.4	54
31570.937500	35.8	V	270.0	36.3	-0.5	18.2	54
34546.000000	35.4	V	270.0	36.4	-1.0	18.6	54
36592.937500	35.5	H	110.0	35.6	-0.1	18.5	54
38793.437500	37.3	H	100.0	34.6	2.7	16.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT80) CH42

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

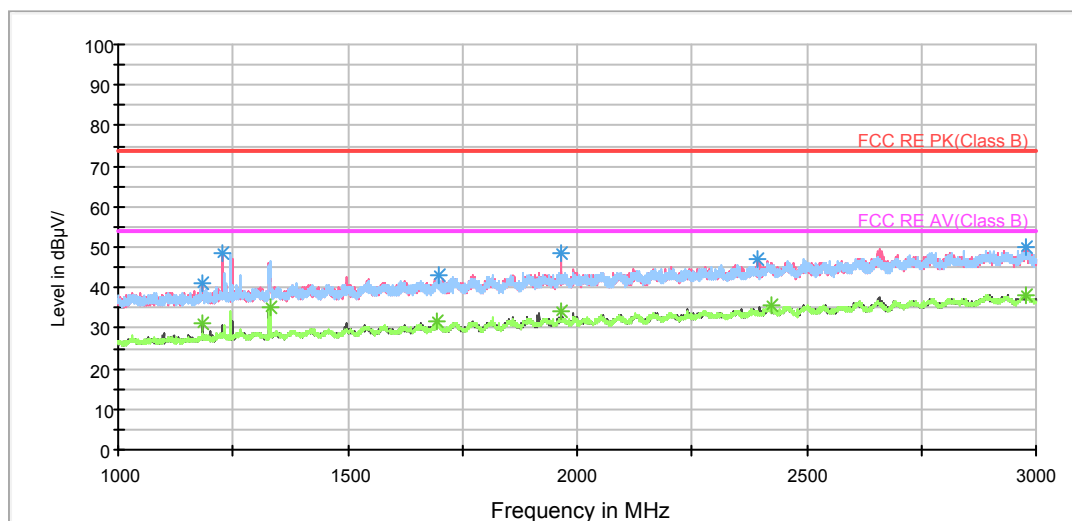
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.667500	12.6	100.0	V	262.0	-0.4	13.0	27.4	40.0
64.681250	13.5	100.0	V	275.0	2.7	10.8	26.5	40.0
97.577500	13.3	125.0	H	342.0	0.4	12.9	30.2	43.5
198.333750	19.6	125.0	H	96.0	7.6	12.0	23.9	43.5
554.967500	18.9	114.0	H	16.0	-2.9	21.8	27.1	46.0
917.308750	25.7	100.0	V	183.0	-1.3	27.0	20.3	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

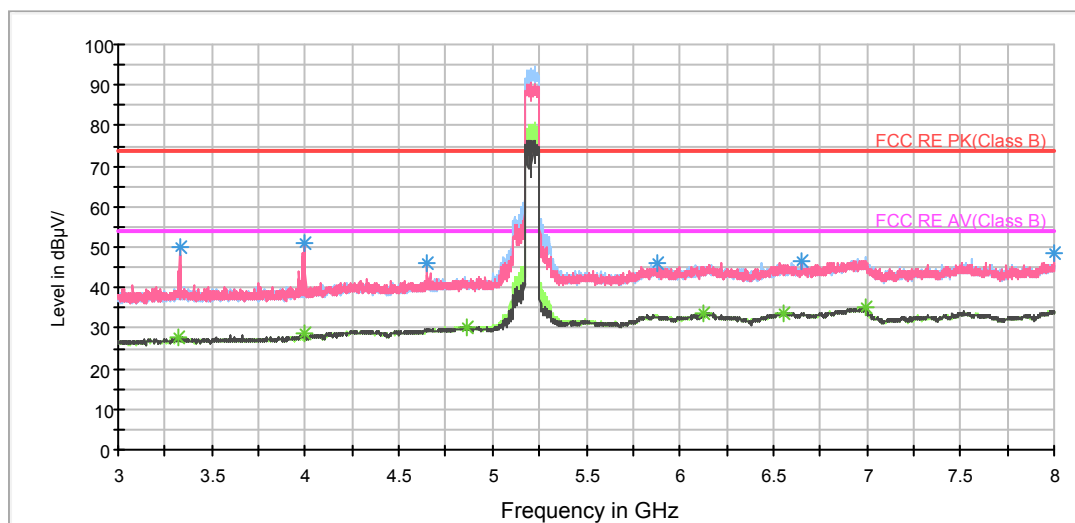
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.250000	41.3	100.0	V	264.0	49.4	-8.1	32.7	74
1229.000000	48.5	100.0	V	218.0	56.2	-7.7	25.5	74
1698.750000	43.3	100.0	H	110.0	48.3	-5.0	30.7	74
1966.250000	48.6	100.0	V	264.0	52.0	-3.4	25.4	74
2394.500000	47.0	100.0	V	120.0	48.3	-1.3	27.0	74
2977.000000	49.9	100.0	V	350.0	47.7	2.2	24.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.250000	31.0	100.0	V	264.0	39.1	-8.1	23.0	54
1329.750000	35.3	100.0	H	119.0	42.7	-7.4	18.7	54
1695.000000	31.8	100.0	V	324.0	36.8	-5.0	22.2	54
1966.750000	34.2	100.0	V	264.0	37.6	-3.4	19.8	54
2423.000000	35.6	100.0	V	7.0	36.1	-0.5	18.4	54
2978.750000	38.0	100.0	H	119.0	35.8	2.2	16.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

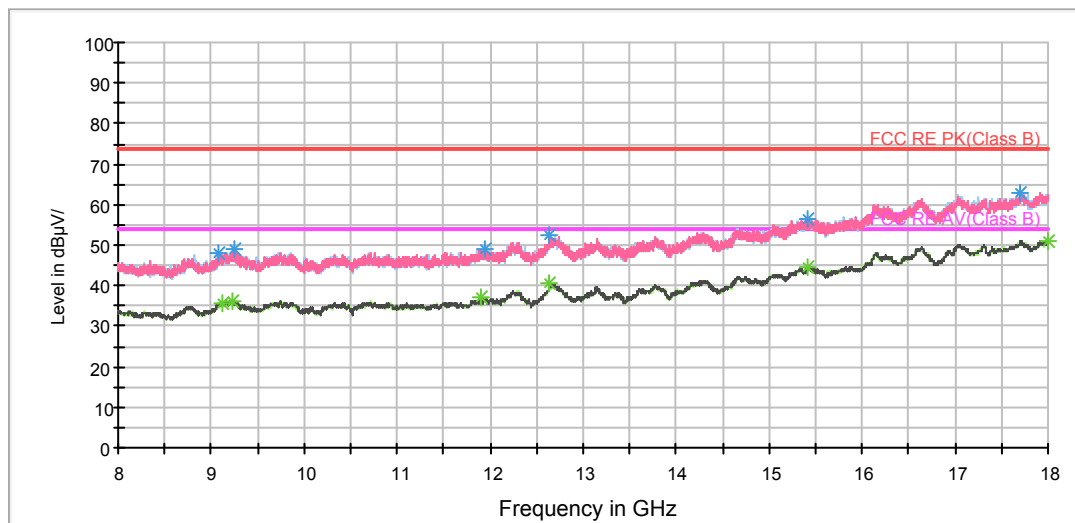
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.875000	50.0	99.0	V	223.0	52.2	-2.2	24.0	74
3995.000000	51.0	99.0	V	240.0	52.1	-1.1	23.0	74
4650.625000	45.9	99.0	V	73.0	45.0	0.9	28.1	74
5879.375000	45.9	99.0	H	216.0	41.0	4.9	28.1	74
6654.375000	46.6	99.0	V	274.0	41.1	5.5	27.4	74
7999.375000	48.3	99.0	V	0.0	41.0	7.3	25.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.250000	27.6	99.0	V	7.0	29.7	-2.1	26.4	54
3998.125000	28.8	99.0	V	346.0	29.9	-1.1	25.2	54
4861.250000	30.2	99.0	H	182.0	28.5	1.7	23.8	54
6128.750000	33.4	99.0	V	0.0	28.0	5.4	20.6	54
6555.625000	33.7	99.0	V	0.0	28.0	5.7	20.3	54
6998.125000	35.0	99.0	V	88.0	28.5	6.5	19.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

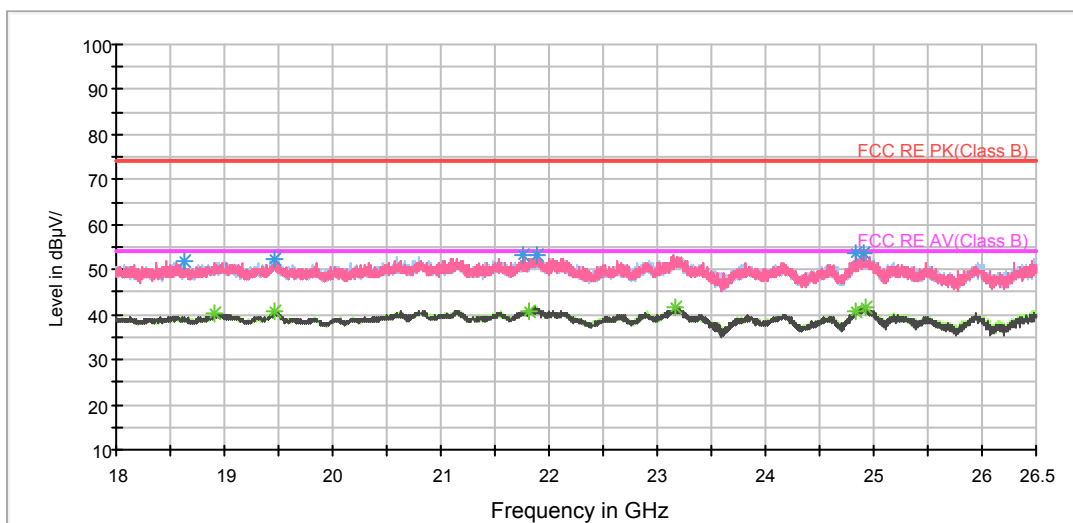
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9078.750000	48.1	150.0	V	0.0	38.8	9.3	25.9	74
9247.500000	49.0	150.0	V	195.0	39.3	9.7	25.0	74
11943.750000	48.9	150.0	H	0.0	37.1	11.8	25.1	74
12640.000000	52.3	150.0	V	13.0	37.7	14.6	21.7	74
15413.750000	56.5	150.0	V	287.0	37.3	19.2	17.5	74
17703.750000	62.9	150.0	H	349.0	38.2	24.7	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9130.000000	35.9	150.0	V	268.0	25.9	10.0	18.1	54
9228.750000	36.4	150.0	H	221.0	26.5	9.9	17.6	54
11902.500000	37.1	150.0	H	130.0	24.9	12.2	16.9	54
12640.000000	40.6	150.0	H	0.0	26.0	14.6	13.4	54
15417.500000	44.6	150.0	H	0.0	25.3	19.3	9.4	54
17998.750000	51.2	150.0	V	250.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

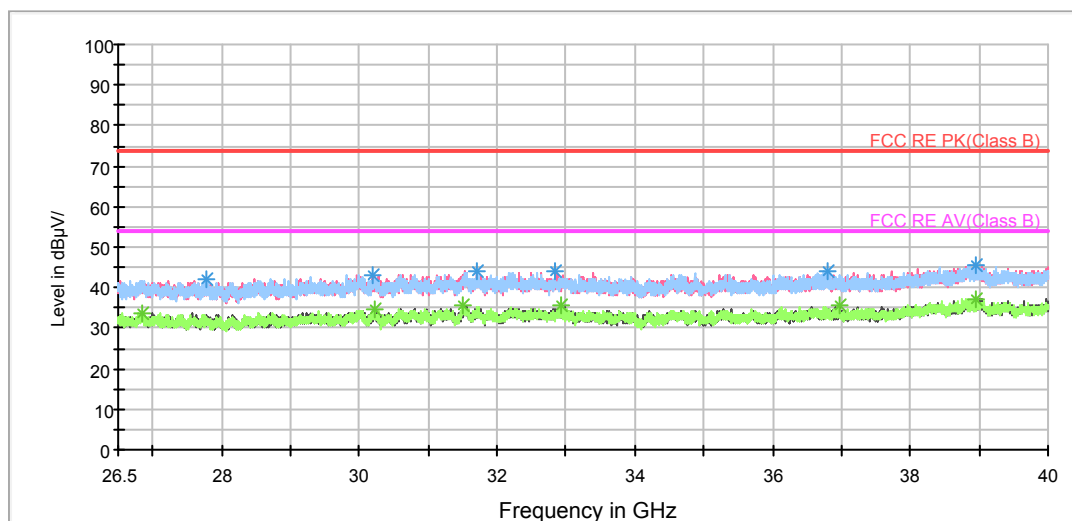
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18634.312500	51.8	H	193.0	51.7	0.1	22.2	74
19456.687500	52.4	V	90.0	52.4	0.0	21.6	74
21760.187500	53.2	H	220.0	55.5	-2.3	20.8	74
21886.625000	53.3	H	238.0	54.9	-1.6	20.7	74
24842.500000	53.6	V	203.0	53.3	0.3	20.4	74
24913.687500	53.5	V	222.0	52.8	0.7	20.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18909.500000	40.3	H	270.0	40.2	0.1	13.7	54
19460.937500	40.7	V	90.0	40.6	0.1	13.3	54
21813.312500	40.9	V	90.0	42.9	-2.0	13.1	54
23165.875000	41.5	H	256.0	41.6	-0.1	12.5	54
24840.375000	40.9	V	121.0	40.6	0.3	13.1	54
24917.937500	41.5	V	270.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27777.437500	42.1	H	90.0	43.6	-1.5	31.9	74
30199.000000	43.1	V	222.0	43.5	-0.4	30.9	74
31711.000000	44.1	H	157.0	44.6	-0.5	29.9	74
32855.125000	44.2	H	90.0	45.0	-0.8	29.8	74
36785.312500	44.2	H	90.0	44.3	-0.1	29.8	74
38958.812500	45.8	V	90.0	42.8	3.0	28.2	74

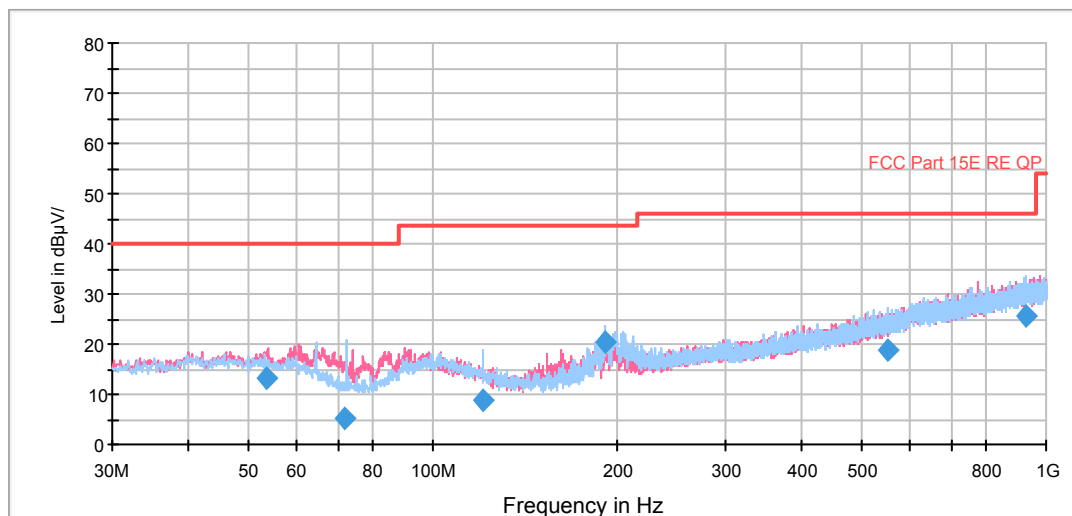
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26851.000000	33.8	V	184.0	34.5	-0.7	20.2	54
30217.562500	34.4	H	108.0	34.8	-0.4	19.6	54
31508.500000	35.6	H	128.0	36.1	-0.5	18.4	54
32927.687500	35.6	H	97.0	36.4	-0.8	18.4	54
36967.562500	35.7	V	174.0	35.8	-0.1	18.3	54
38962.187500	37.2	H	97.0	34.2	3.0	16.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (HT80) CH155

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

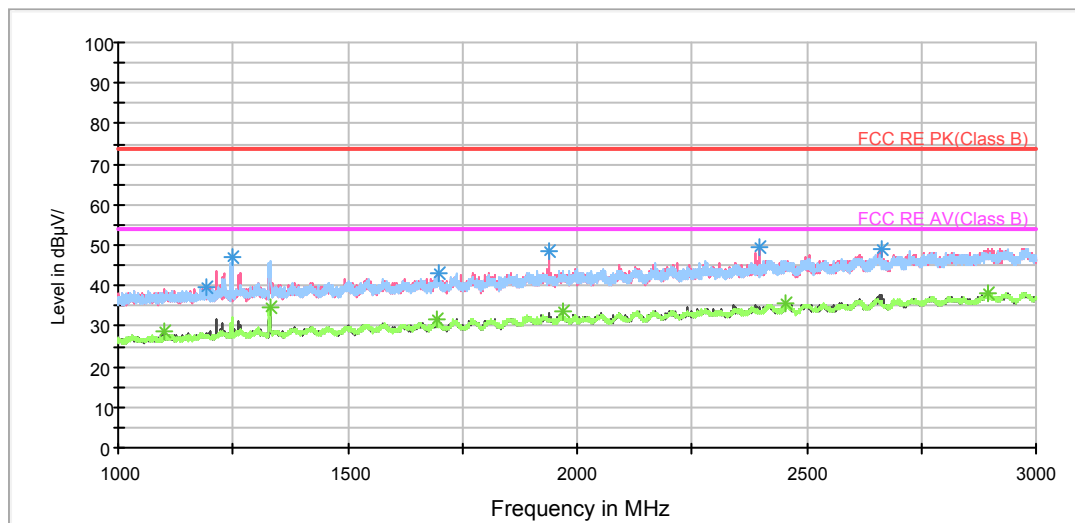
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.565000	13.2	100.0	V	269.0	0.4	12.8	26.8	40.0
71.956250	5.2	100.0	H	93.0	-3.4	8.6	34.8	40.0
120.536250	8.7	125.0	H	93.0	-1.8	10.5	34.8	43.5
190.777500	20.2	100.0	H	88.0	8.7	11.5	23.3	43.5
551.941250	18.8	114.0	H	223.0	-2.8	21.6	27.2	46.0
927.568750	25.6	125.0	H	11.0	-1.4	27.0	20.4	46.0

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

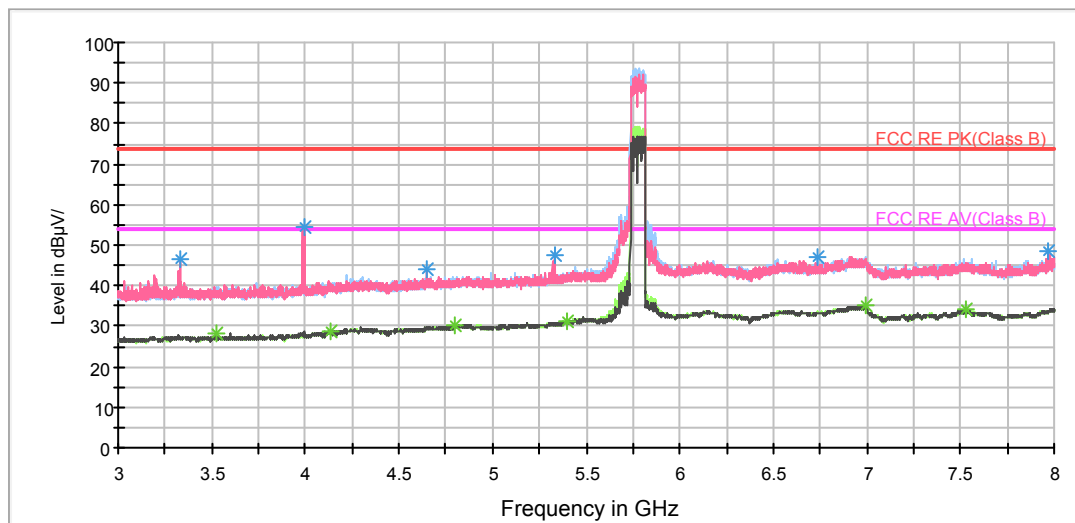
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.000000	39.4	100.0	H	0.0	47.6	-8.2	34.6	74
1248.250000	47.2	100.0	H	319.0	55.2	-8.0	26.8	74
1699.000000	43.1	100.0	V	245.0	48.1	-5.0	30.9	74
1938.250000	48.5	100.0	V	272.0	52.2	-3.7	25.5	74
2395.500000	49.6	100.0	V	118.0	50.9	-1.3	24.4	74
2661.750000	49.1	100.0	V	272.0	48.8	0.3	24.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1099.250000	28.7	100.0	V	290.0	37.6	-8.9	25.3	54
1332.250000	34.7	100.0	H	136.0	42.1	-7.4	19.3	54
1693.750000	31.8	100.0	V	299.0	36.8	-5.0	22.2	54
1968.750000	33.5	100.0	V	307.0	37.0	-3.5	20.5	54
2455.250000	35.5	100.0	H	118.0	36.1	-0.6	18.5	54
2895.750000	38.2	100.0	V	272.0	36.1	2.1	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

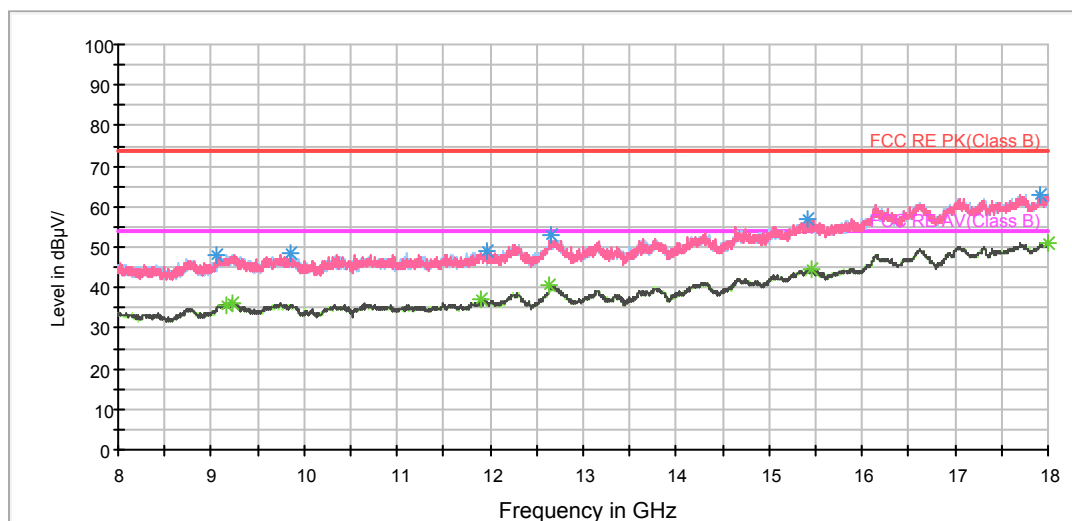
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.750000	46.5	100.0	V	0.0	48.7	-2.2	27.5	74
3990.625000	54.7	100.0	V	240.0	55.7	-1.0	19.3	74
4648.125000	44.0	100.0	V	1.0	43.1	0.9	30.0	74
5328.750000	47.6	100.0	V	52.0	45.3	2.3	26.4	74
6738.750000	47.0	100.0	H	256.0	41.5	5.5	27.0	74
7968.750000	48.5	100.0	V	105.0	41.3	7.2	25.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	28.3	100.0	V	224.0	30.3	-2.0	25.7	54
4135.000000	28.8	100.0	V	0.0	29.1	-0.3	25.2	54
4801.250000	30.2	100.0	V	1.0	28.9	1.3	23.8	54
5395.000000	31.1	100.0	H	138.0	28.6	2.5	22.9	54
6998.750000	35.0	100.0	H	322.0	28.5	6.5	19.0	54
7531.250000	34.1	100.0	H	0.0	27.0	7.1	19.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

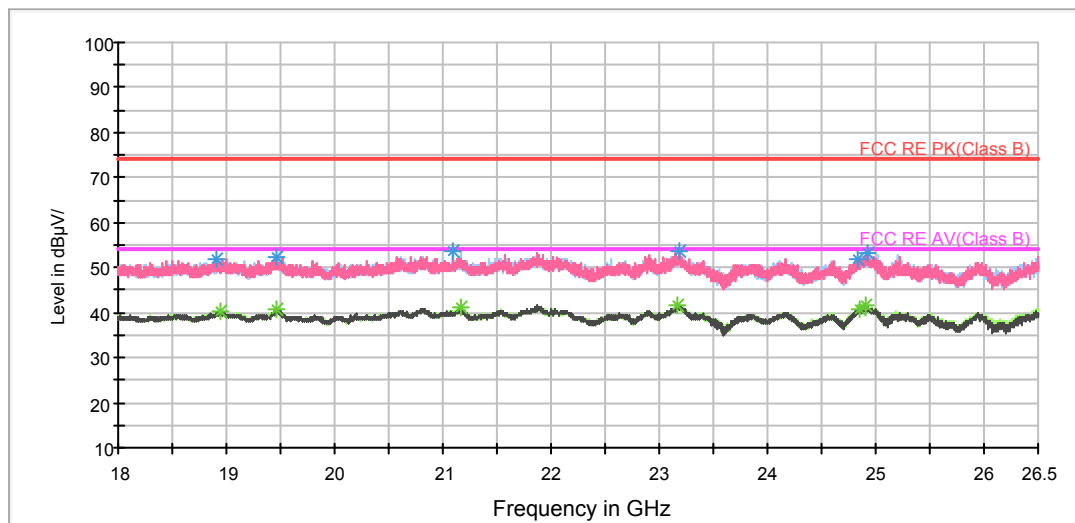
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9066.250000	48.1	150.0	H	299.0	38.8	9.3	25.9	74
9862.500000	48.4	150.0	V	212.0	38.0	10.4	25.6	74
11962.500000	49.3	150.0	V	138.0	37.5	11.8	24.7	74
12651.250000	52.9	150.0	H	15.0	38.8	14.1	21.1	74
15421.250000	56.9	150.0	V	249.0	37.5	19.4	17.1	74
17906.250000	62.9	150.0	V	174.0	37.6	25.3	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.9	150.0	V	101.0	25.7	10.2	18.1	54
9225.000000	36.4	150.0	H	168.0	26.5	9.9	17.6	54
11898.750000	37.1	150.0	V	0.0	24.8	12.3	16.9	54
12640.000000	40.8	150.0	V	138.0	26.2	14.6	13.2	54
15448.750000	44.5	150.0	V	174.0	25.0	19.5	9.5	54
17998.750000	51.0	150.0	H	0.0	25.6	25.4	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

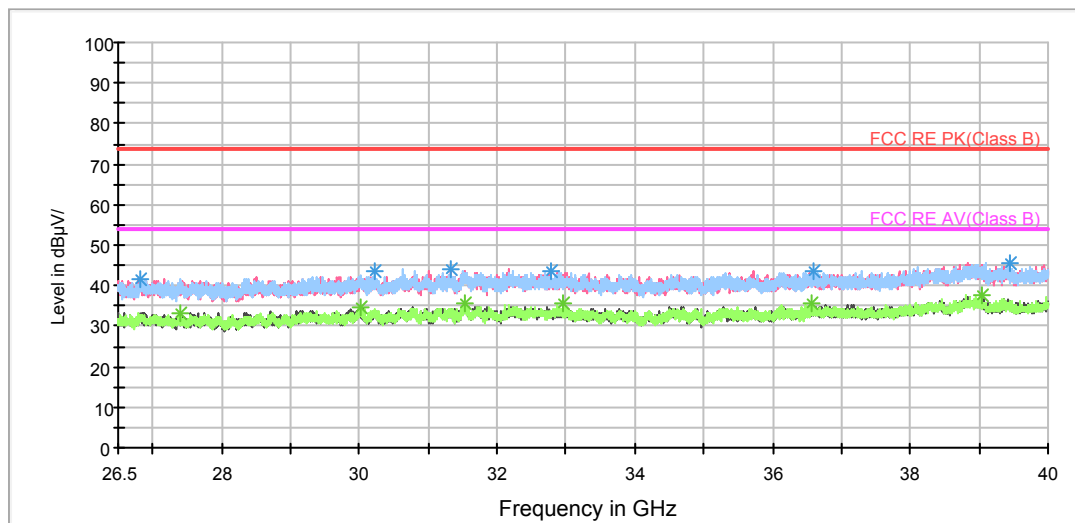
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18907.375000	51.9	V	90.0	51.8	0.1	22.1	74
19457.750000	52.2	V	94.0	52.2	0.0	21.8	74
21099.312500	53.5	V	90.0	54.9	-1.4	20.5	74
23177.562500	53.6	V	94.0	53.7	-0.1	20.4	74
24842.500000	51.7	V	148.0	51.4	0.3	22.3	74
24919.000000	53.1	V	103.0	52.4	0.7	20.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18938.187500	40.2	H	270.0	40.2	0.0	13.8	54
19464.125000	40.6	H	270.0	40.5	0.1	13.4	54
21157.750000	41.0	H	248.0	42.5	-1.5	13.0	54
23171.187500	41.5	V	94.0	41.6	-0.1	12.5	54
24843.562500	40.8	V	90.0	40.5	0.3	13.2	54
24913.687500	41.5	H	202.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26808.812500	41.6	V	213.0	42.3	-0.7	32.4	74
30232.750000	43.4	H	270.0	43.8	-0.4	30.6	74
31326.250000	44.3	V	270.0	44.8	-0.5	29.7	74
32794.375000	43.8	H	110.0	44.6	-0.8	30.2	74
36609.812500	43.8	H	229.0	43.9	-0.1	30.2	74
39444.812500	45.7	V	251.0	43.0	2.7	28.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27396.062500	33.4	H	229.0	34.6	-1.2	20.6	54
30015.062500	34.5	H	91.0	34.9	-0.4	19.5	54
31523.687500	35.9	V	108.0	36.4	-0.5	18.1	54
32946.250000	35.7	V	270.0	36.5	-0.8	18.3	54
36560.875000	35.7	H	149.0	35.8	-0.1	18.3	54
39043.187500	37.4	H	169.0	34.4	3.0	16.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

5.6. Conducted Emission

Ambient condition

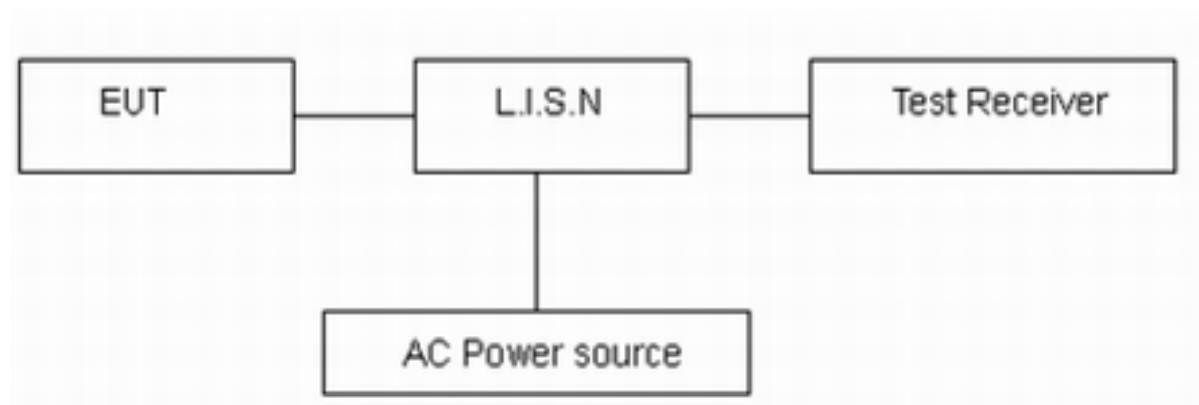
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10-2013. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50

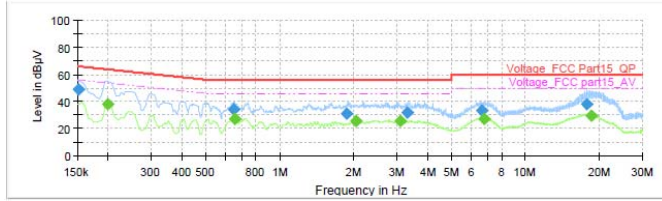
*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

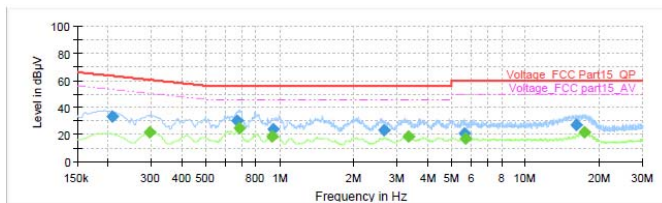
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

**Test Results:**

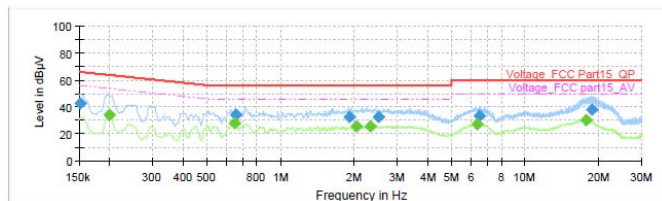
Following plots, Blue trace uses the peak detection and Green trace uses the average detection.

SISO Antenna 1**802.11a, Channel No.: 36, L Line****Final Result**

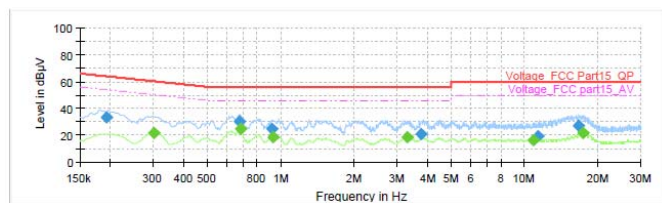
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	48.59	---	65.88	17.28	1000.0	9.000	L1	ON	19.0
0.199500	---	37.81	53.63	15.83	1000.0	9.000	L1	ON	19.2
0.651750	34.01	---	56.00	21.99	1000.0	9.000	L1	ON	19.3
0.654000	---	27.47	46.00	18.53	1000.0	9.000	L1	ON	19.3
1.864500	31.35	---	56.00	24.65	1000.0	9.000	L1	ON	19.2
2.044500	---	25.49	46.00	20.51	1000.0	9.000	L1	ON	19.1
3.077250	---	25.51	46.00	20.49	1000.0	9.000	L1	ON	19.1
3.313500	31.52	---	56.00	24.48	1000.0	9.000	L1	ON	19.1
6.657000	33.46	---	60.00	26.54	1000.0	9.000	L1	ON	19.1
6.823500	---	26.76	50.00	23.24	1000.0	9.000	L1	ON	19.1
17.778750	37.93	---	60.00	22.07	1000.0	9.000	L1	ON	19.6
18.489750	---	29.53	50.00	20.47	1000.0	9.000	L1	ON	19.6

802.11a, Channel No.: 36, N Line**Final Result**

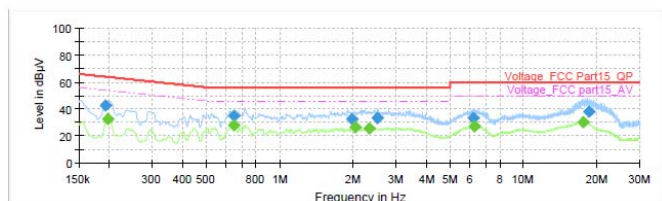
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.208500	32.99	---	63.27	30.28	1000.0	9.000	N	ON	19.2
0.296250	---	21.82	50.35	28.53	1000.0	9.000	N	ON	19.2
0.672000	29.91	---	56.00	26.09	1000.0	9.000	N	ON	19.3
0.683250	---	24.60	46.00	21.40	1000.0	9.000	N	ON	19.3
0.928500	---	18.79	46.00	27.21	1000.0	9.000	N	ON	19.2
0.935250	24.41	---	56.00	31.59	1000.0	9.000	N	ON	19.2
2.663250	23.08	---	56.00	32.92	1000.0	9.000	N	ON	19.0
3.336000	---	18.61	46.00	27.39	1000.0	9.000	N	ON	19.1
5.653500	21.08	---	60.00	38.92	1000.0	9.000	N	ON	19.1
5.678250	---	17.15	50.00	32.85	1000.0	9.000	N	ON	19.1
16.059750	27.34	---	60.00	32.66	1000.0	9.000	N	ON	19.4
17.328750	---	21.33	50.00	28.67	1000.0	9.000	N	ON	19.5

802.11a, Channel No.: 40, L Line**Final Result**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	42.59	---	65.88	23.29	1000.0	9.000	L1	ON	19.0
0.199500	---	34.06	53.63	19.57	1000.0	9.000	L1	ON	19.2
0.647250	---	27.83	46.00	18.17	1000.0	9.000	L1	ON	19.3
0.654000	34.24	---	56.00	21.76	1000.0	9.000	L1	ON	19.3
1.902750	32.84	---	56.00	23.16	1000.0	9.000	L1	ON	19.2
2.040000	---	25.58	46.00	20.42	1000.0	9.000	L1	ON	19.1
2.332500	---	25.82	46.00	20.18	1000.0	9.000	L1	ON	19.0
2.505750	32.62	---	56.00	23.38	1000.0	9.000	L1	ON	19.0
6.378000	---	27.22	50.00	22.78	1000.0	9.000	L1	ON	19.1
6.495000	32.99	---	60.00	27.01	1000.0	9.000	L1	ON	19.1
17.686500	---	30.00	50.00	20.00	1000.0	9.000	L1	ON	19.6
18.856500	37.96	---	60.00	22.04	1000.0	9.000	L1	ON	19.6

802.11a, Channel No.: 40, N Line**Final Result**

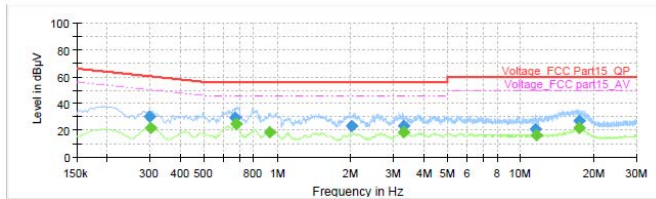
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	33.63	---	63.92	30.28	1000.0	9.000	N	ON	19.2
0.300750	---	21.95	50.22	28.27	1000.0	9.000	N	ON	19.2
0.674250	30.50	---	56.00	25.50	1000.0	9.000	N	ON	19.3
0.683250	---	24.65	46.00	21.35	1000.0	9.000	N	ON	19.3
0.924000	24.54	---	56.00	31.46	1000.0	9.000	N	ON	19.2
0.928500	---	18.84	46.00	27.16	1000.0	9.000	N	ON	19.2
3.291000	---	18.58	46.00	27.42	1000.0	9.000	N	ON	19.1
3.779250	21.15	---	56.00	34.85	1000.0	9.000	N	ON	19.1
10.900500	---	16.32	50.00	33.68	1000.0	9.000	N	ON	19.4
11.332500	19.73	---	60.00	40.27	1000.0	9.000	N	ON	19.4
16.685250	27.12	---	60.00	32.88	1000.0	9.000	N	ON	19.5
17.376000	---	21.47	50.00	28.53	1000.0	9.000	N	ON	19.5

802.11a, Channel No.: 48, L Line**Final Result**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	42.51	---	63.92	21.40	1000.0	9.000	L1	ON	19.2
0.197250	---	32.89	53.73	20.84	1000.0	9.000	L1	ON	19.2
0.647250	---	28.04	46.00	17.96	1000.0	9.000	L1	ON	19.3
0.651750	34.57	---	56.00	21.43	1000.0	9.000	L1	ON	19.3
1.979250	32.76	---	56.00	23.24	1000.0	9.000	L1	ON	19.1
2.033250	---	26.01	46.00	19.99	1000.0	9.000	L1	ON	19.1
2.328000	---	25.67	46.00	20.33	1000.0	9.000	L1	ON	19.0
2.517000	33.21	---	56.00	22.79	1000.0	9.000	L1	ON	19.0
6.218250	32.99	---	60.00	27.01	1000.0	9.000	L1	ON	19.1
6.290250	---	26.86	50.00	23.14	1000.0	9.000	L1	ON	19.1
17.562750	---	30.11	50.00	19.89	1000.0	9.000	L1	ON	19.6
18.487500	38.08	---	60.00	21.92	1000.0	9.000	L1	ON	19.6



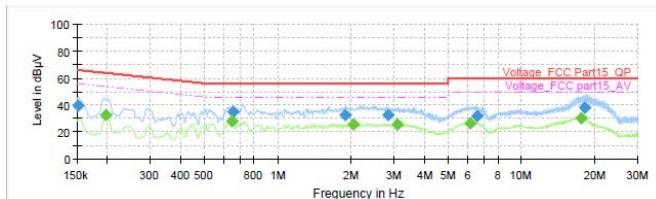
802.11a, Channel No.: 48, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.298500	30.41	---	60.28	29.87	1000.0	9.000	N	ON	19.2
0.300750	---	21.87	50.22	28.35	1000.0	9.000	N	ON	19.2
0.669750	29.27	---	56.00	26.73	1000.0	9.000	N	ON	19.3
0.681000	---	24.84	46.00	21.16	1000.0	9.000	N	ON	19.3
0.926250	---	18.90	46.00	27.10	1000.0	9.000	N	ON	19.2
2.024250	22.93	---	56.00	33.07	1000.0	9.000	N	ON	19.1
3.286500	23.40	---	56.00	32.60	1000.0	9.000	N	ON	19.1
3.288750	---	18.63	46.00	27.37	1000.0	9.000	N	ON	19.1
11.454000	20.83	---	60.00	39.17	1000.0	9.000	N	ON	19.4
11.544000	---	16.26	50.00	33.74	1000.0	9.000	N	ON	19.4
17.317500	---	21.52	50.00	28.48	1000.0	9.000	N	ON	19.5
17.349000	27.12	---	60.00	32.88	1000.0	9.000	N	ON	19.5

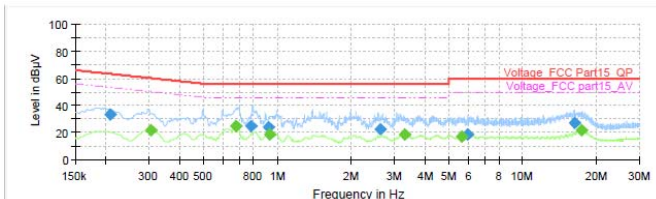
802.11a, Channel No.: 149, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	39.92	---	65.88	25.96	1000.0	9.000	L1	ON	19.0
0.197250	---	32.30	53.73	21.42	1000.0	9.000	L1	ON	19.2
0.645000	---	28.18	46.00	17.82	1000.0	9.000	L1	ON	19.3
0.654000	34.58	---	56.00	21.42	1000.0	9.000	L1	ON	19.3
1.891500	32.54	---	56.00	23.46	1000.0	9.000	L1	ON	19.2
2.031000	---	25.90	46.00	20.10	1000.0	9.000	L1	ON	19.1
2.845500	32.41	---	56.00	23.59	1000.0	9.000	L1	ON	19.0
3.095250	---	25.54	46.00	20.46	1000.0	9.000	L1	ON	19.1
6.182250	---	26.73	50.00	23.27	1000.0	9.000	L1	ON	19.1
6.555750	31.90	---	60.00	28.10	1000.0	9.000	L1	ON	19.1
17.488500	---	30.03	50.00	19.97	1000.0	9.000	L1	ON	19.6
18.231000	38.17	---	60.00	21.83	1000.0	9.000	L1	ON	19.5

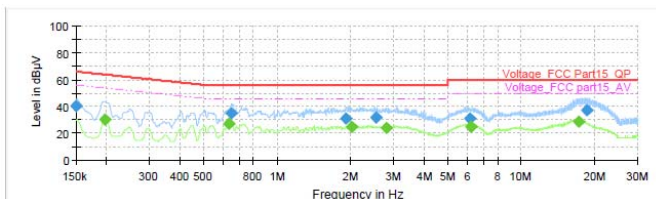
802.11a, Channel No.: 149, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.208500	33.06	---	63.27	30.20	1000.0	9.000	N	ON	19.2
0.305250	---	22.01	50.10	28.09	1000.0	9.000	N	ON	19.2
0.681000	---	24.72	46.00	21.28	1000.0	9.000	N	ON	19.3
0.780000	24.48	---	56.00	31.52	1000.0	9.000	N	ON	19.2
0.917250	24.29	---	56.00	31.71	1000.0	9.000	N	ON	19.2
0.928500	---	18.77	46.00	27.23	1000.0	9.000	N	ON	19.2
2.638500	22.26	---	56.00	33.75	1000.0	9.000	N	ON	19.0
3.288750	---	18.66	46.00	27.34	1000.0	9.000	N	ON	19.1
5.651250	---	17.05	50.00	32.95	1000.0	9.000	N	ON	19.1
5.975250	18.40	---	60.00	41.60	1000.0	9.000	N	ON	19.1
16.248750	26.82	---	60.00	33.18	1000.0	9.000	N	ON	19.4
17.322000	---	21.49	50.00	28.51	1000.0	9.000	N	ON	19.5

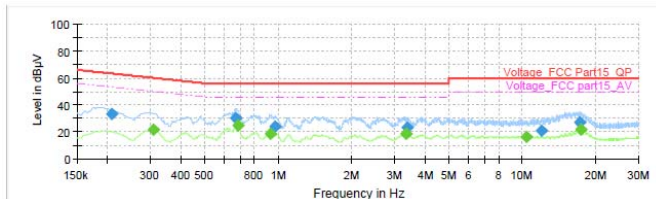
802.11a, Channel No.: 157, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.150000	40.27	---	66.00	25.73	1000.0	9.000	L1	ON	19.1
0.197250	---	30.22	53.73	23.50	1000.0	9.000	L1	ON	19.2
0.633750	---	26.97	46.00	19.03	1000.0	9.000	L1	ON	19.3
0.647250	34.73	---	56.00	21.27	1000.0	9.000	L1	ON	19.3
1.918500	31.38	---	56.00	24.62	1000.0	9.000	L1	ON	19.2
2.022000	---	24.99	46.00	21.01	1000.0	9.000	L1	ON	19.1
2.539500	31.71	---	56.00	24.29	1000.0	9.000	L1	ON	19.0
2.796000	---	24.27	46.00	21.73	1000.0	9.000	L1	ON	19.0
6.168750	30.93	---	60.00	29.07	1000.0	9.000	L1	ON	19.1
6.229500	---	24.85	50.00	25.15	1000.0	9.000	L1	ON	19.1
17.234250	---	28.92	50.00	21.08	1000.0	9.000	L1	ON	19.6
18.618000	37.29	---	60.00	22.71	1000.0	9.000	L1	ON	19.6

802.11a, Channel No.: 157, N Line

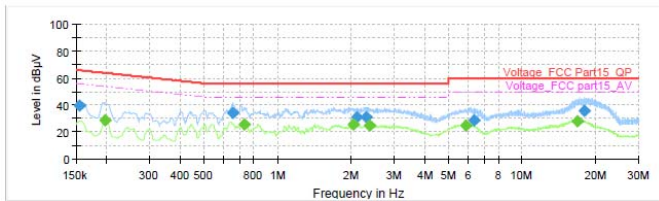


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.208500	33.60	---	63.27	29.66	1000.0	9.000	N	ON	19.2
0.307500	---	22.02	50.04	28.01	1000.0	9.000	N	ON	19.2
0.672000	30.52	---	56.00	25.48	1000.0	9.000	N	ON	19.3
0.685500	---	24.65	46.00	21.35	1000.0	9.000	N	ON	19.3
0.926250	---	18.92	46.00	27.08	1000.0	9.000	N	ON	19.2
0.975750	23.75	---	56.00	32.25	1000.0	9.000	N	ON	19.2
3.336000	---	18.56	46.00	27.44	1000.0	9.000	N	ON	19.1
3.378750	23.17	---	56.00	32.83	1000.0	9.000	N	ON	19.1
10.396500	---	16.29	50.00	33.71	1000.0	9.000	N	ON	19.4
11.960250	21.25	---	60.00	38.75	1000.0	9.000	N	ON	19.4
17.189250	26.93	---	60.00	33.07	1000.0	9.000	N	ON	19.5
17.333250	---	21.50	50.00	28.50	1000.0	9.000	N	ON	19.5



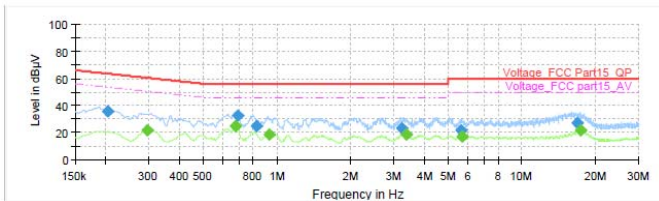
802.11a, Channel No.: 165, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	39.30	---	65.75	26.45	1000.0	9,000	L1	ON	19.1
0.197250	---	28.86	53.73	24.87	1000.0	9,000	L1	ON	19.2
0.656250	34.48	---	56.00	21.52	1000.0	9,000	L1	ON	19.3
0.732750	---	25.64	46.00	20.36	1000.0	9,000	L1	ON	19.2
2.033250	---	25.34	46.00	20.66	1000.0	9,000	L1	ON	19.1
2.121000	30.69	---	56.00	25.31	1000.0	9,000	L1	ON	19.1
2.294250	30.64	---	56.00	25.36	1000.0	9,000	L1	ON	19.0
2.368500	---	24.49	46.00	21.51	1000.0	9,000	L1	ON	19.0
5.901000	---	24.46	50.00	25.54	1000.0	9,000	L1	ON	19.1
6.344250	28.44	---	60.00	31.56	1000.0	9,000	L1	ON	19.1
16.892250	---	27.94	50.00	22.06	1000.0	9,000	L1	ON	19.6
17.974500	36.04	---	60.00	23.96	1000.0	9,000	L1	ON	19.5

802.11a, Channel No.: 165, N Line

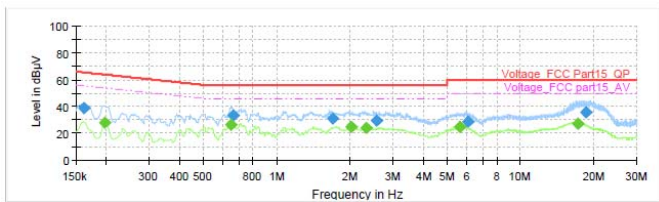


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.204000	36.02	---	63.45	27.42	1000.0	9,000	N	ON	19.2
0.296250	---	21.87	50.35	28.48	1000.0	9,000	N	ON	19.2
0.681000	---	24.67	46.00	21.33	1000.0	9,000	N	ON	19.3
0.690000	32.28	---	56.00	23.72	1000.0	9,000	N	ON	19.3
0.827250	24.54	---	56.00	31.46	1000.0	9,000	N	ON	19.2
0.926250	---	18.88	46.00	27.12	1000.0	9,000	N	ON	19.2
3.225750	23.30	---	56.00	32.70	1000.0	9,000	N	ON	19.1
3.365250	---	18.54	46.00	27.46	1000.0	9,000	N	ON	19.1
5.624250	21.47	---	60.00	38.53	1000.0	9,000	N	ON	19.1
5.673750	---	17.21	50.00	32.79	1000.0	9,000	N	ON	19.1
16.730250	27.42	---	60.00	32.58	1000.0	9,000	N	ON	19.5
17.319750	---	21.52	50.00	28.48	1000.0	9,000	N	ON	19.5

MIMO

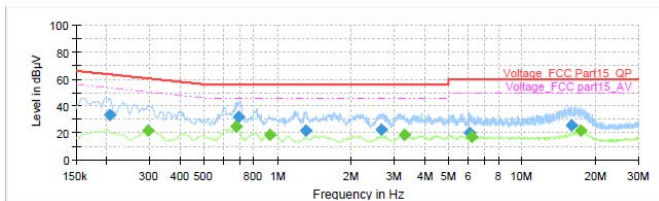
802.11n (HT20) , Channel No.: 36, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	38.91	---	65.40	26.49	1000.0	9,000	L1	ON	19.1
0.197250	---	27.73	53.73	26.00	1000.0	9,000	L1	ON	19.2
0.645000	26.38	---	46.00	19.62	1000.0	9,000	L1	ON	19.3
0.665250	33.29	---	56.00	22.71	1000.0	9,000	L1	ON	19.3
1.698000	30.81	---	56.00	25.19	1000.0	9,000	L1	ON	19.2
2.028750	---	24.43	46.00	21.57	1000.0	9,000	L1	ON	19.1
2.328000	---	23.97	46.00	22.03	1000.0	9,000	L1	ON	19.0
2.575500	29.53	---	56.00	26.47	1000.0	9,000	L1	ON	19.0
5.635500	---	24.52	50.00	25.48	1000.0	9,000	L1	ON	19.1
6.074250	28.82	---	60.00	31.18	1000.0	9,000	L1	ON	19.1
17.166750	---	27.44	50.00	22.56	1000.0	9,000	L1	ON	19.6
18.559500	35.81	---	60.00	24.19	1000.0	9,000	L1	ON	19.6

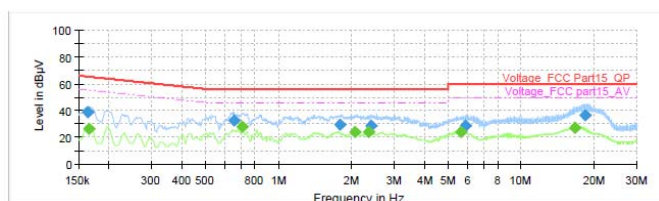
802.11n (HT20) , Channel No.: 36, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.206250	33.50	---	63.36	29.85	1000.0	9,000	N	ON	19.2
0.296250	---	21.90	50.35	28.45	1000.0	9,000	N	ON	19.2
0.678750	---	24.63	46.00	21.37	1000.0	9,000	N	ON	19.3
0.690000	31.57	---	56.00	24.43	1000.0	9,000	N	ON	19.3
0.928500	---	18.87	46.00	27.13	1000.0	9,000	N	ON	19.2
1.304250	21.66	---	56.00	34.34	1000.0	9,000	N	ON	19.2
2.663250	22.84	---	56.00	33.16	1000.0	9,000	N	ON	19.0
3.288750	---	18.78	46.00	27.22	1000.0	9,000	N	ON	19.1
6.068750	20.23	---	60.00	39.77	1000.0	9,000	N	ON	19.1
6.227250	---	16.88	50.00	33.12	1000.0	9,000	N	ON	19.1
15.837000	25.22	---	60.00	34.78	1000.0	9,000	N	ON	19.4
17.400750	---	21.45	50.00	28.55	1000.0	9,000	N	ON	19.5

802.11n (HT20) , Channel No.: 40, L Line

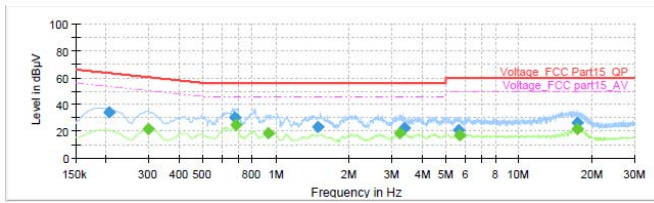


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.163500	38.42	---	65.28	26.86	1000.0	9,000	L1	ON	19.1
0.165750	---	26.58	55.17	28.59	1000.0	9,000	L1	ON	19.1
0.658500	32.55	---	56.00	23.45	1000.0	9,000	L1	ON	19.3
0.710250	---	27.92	46.00	18.08	1000.0	9,000	L1	ON	19.3
1.790250	29.37	---	56.00	26.63	1000.0	9,000	L1	ON	19.2
2.069250	---	24.10	46.00	21.90	1000.0	9,000	L1	ON	19.1
2.346000	---	23.88	46.00	22.12	1000.0	9,000	L1	ON	19.0
2.397750	28.78	---	56.00	27.22	1000.0	9,000	L1	ON	19.0
5.646750	---	23.69	50.00	26.31	1000.0	9,000	L1	ON	19.1
5.887500	29.04	---	60.00	30.96	1000.0	9,000	L1	ON	19.1
16.554750	---	27.30	50.00	22.70	1000.0	9,000	L1	ON	19.5
18.429000	36.07	---	60.00	23.93	1000.0	9,000	L1	ON	19.6



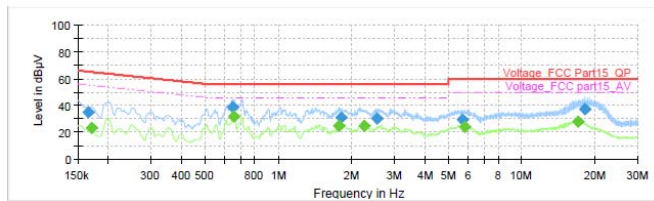
802.11n (HT20) , Channel No.: 40, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.206250	34.06	---	63.36	29.30	1000.0	9.000	N	ON	19.2
0.298500	---	21.91	50.28	28.37	1000.0	9.000	N	ON	19.2
0.674250	30.52	---	56.00	25.48	1000.0	9.000	N	ON	19.3
0.685500	---	24.66	46.00	21.34	1000.0	9.000	N	ON	19.3
0.928500	---	18.83	46.00	27.17	1000.0	9.000	N	ON	19.2
1.488750	23.03	---	56.00	32.97	1000.0	9.000	N	ON	19.2
3.243750	---	18.52	46.00	27.48	1000.0	9.000	N	ON	19.1
3.385500	22.11	---	56.00	33.89	1000.0	9.000	N	ON	19.1
5.660250	21.27	---	60.00	38.73	1000.0	9.000	N	ON	19.1
5.703000	---	17.13	50.00	32.87	1000.0	9.000	N	ON	19.1
17.317500	---	21.40	50.00	28.60	1000.0	9.000	N	ON	19.5
17.461500	26.56	---	60.00	33.44	1000.0	9.000	N	ON	19.5

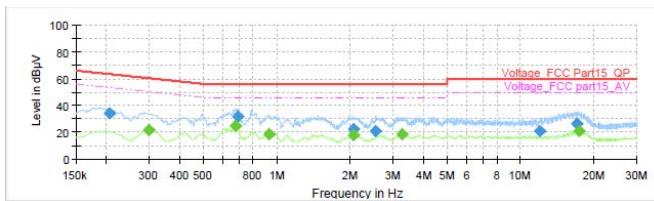
802.11n (HT20) , Channel No.: 48, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.165750	34.74	---	65.17	30.43	1000.0	9.000	L1	ON	19.1
0.170250	---	23.41	54.95	31.54	1000.0	9.000	L1	ON	19.1
0.649500	38.45	---	56.00	17.55	1000.0	9.000	L1	ON	19.3
0.656250	---	32.08	46.00	13.92	1000.0	9.000	L1	ON	19.3
1.774500	---	24.62	46.00	21.38	1000.0	9.000	L1	ON	19.2
1.808250	30.72	---	56.00	25.28	1000.0	9.000	L1	ON	19.2
2.249250	---	24.94	46.00	21.06	1000.0	9.000	L1	ON	19.1
2.550750	30.03	---	56.00	25.97	1000.0	9.000	L1	ON	19.0
5.727750	29.39	---	60.00	30.61	1000.0	9.000	L1	ON	19.1
5.849250	---	24.00	50.00	26.00	1000.0	9.000	L1	ON	19.1
16.926000	---	27.84	50.00	22.16	1000.0	9.000	L1	ON	19.6
18.154500	36.86	---	60.00	23.14	1000.0	9.000	L1	ON	19.5

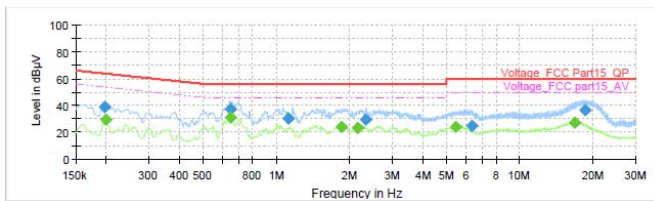
802.11n (HT20) , Channel No.: 48, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.206250	34.44	---	63.36	28.91	1000.0	9.000	N	ON	19.2
0.298500	---	21.94	50.28	28.35	1000.0	9.000	N	ON	19.2
0.681000	---	24.64	46.00	21.36	1000.0	9.000	N	ON	19.3
0.690000	31.86	---	56.00	24.14	1000.0	9.000	N	ON	19.3
0.926250	---	18.83	46.00	27.17	1000.0	9.000	N	ON	19.2
2.062500	---	17.49	46.00	28.51	1000.0	9.000	N	ON	19.1
2.069250	22.81	---	56.00	33.19	1000.0	9.000	N	ON	19.1
2.530500	20.95	---	56.00	35.05	1000.0	9.000	N	ON	19.0
3.251250	---	18.48	46.00	27.52	1000.0	9.000	N	ON	19.1
11.982500	21.12	---	60.00	38.88	1000.0	9.000	N	ON	19.4
16.926000	26.66	---	60.00	33.34	1000.0	9.000	N	ON	19.5
17.358000	---	21.17	50.00	28.83	1000.0	9.000	N	ON	19.5

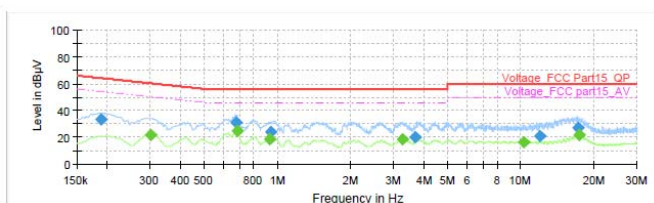
802.11n (HT20) , Channel No.: 149, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.197250	39.13	---	63.73	24.60	1000.0	9.000	L1	ON	19.2
0.199500	---	29.52	53.63	24.11	1000.0	9.000	L1	ON	19.2
0.645000	37.59	---	56.00	18.41	1000.0	9.000	L1	ON	19.3
0.649500	---	31.18	46.00	14.82	1000.0	9.000	L1	ON	19.3
1.122000	30.58	---	56.00	25.42	1000.0	9.000	L1	ON	19.2
1.846500	---	24.39	46.00	21.61	1000.0	9.000	L1	ON	19.2
2.152500	---	22.90	46.00	23.10	1000.0	9.000	L1	ON	19.1
2.323500	29.12	---	56.00	26.88	1000.0	9.000	L1	ON	19.0
5.446500	---	23.96	50.00	26.04	1000.0	9.000	L1	ON	19.1
6.351000	24.86	---	60.00	35.14	1000.0	9.000	L1	ON	19.1
16.878750	---	27.22	50.00	22.78	1000.0	9.000	L1	ON	19.6
18.555000	36.34	---	60.00	23.66	1000.0	9.000	L1	ON	19.6

802.11n (HT20) , Channel No.: 149, N Line

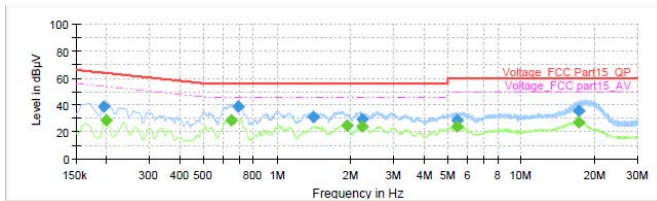


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.188250	33.63	---	64.11	30.48	1000.0	9.000	N	ON	19.2
0.300750	---	21.89	50.22	28.33	1000.0	9.000	N	ON	19.2
0.678750	30.88	---	56.00	25.12	1000.0	9.000	N	ON	19.3
0.687750	---	24.68	46.00	21.32	1000.0	9.000	N	ON	19.3
0.928500	---	18.80	46.00	27.20	1000.0	9.000	N	ON	19.2
0.937500	24.41	---	56.00	31.59	1000.0	9.000	N	ON	19.2
3.275250	---	18.67	46.00	27.33	1000.0	9.000	N	ON	19.1
3.693750	20.47	---	56.00	35.53	1000.0	9.000	N	ON	19.1
10.295250	---	16.44	50.00	33.56	1000.0	9.000	N	ON	19.4
11.978250	21.26	---	60.00	38.74	1000.0	9.000	N	ON	19.4
17.173500	27.23	---	60.00	32.77	1000.0	9.000	N	ON	19.5
17.376000	---	21.36	50.00	28.64	1000.0	9.000	N	ON	19.5



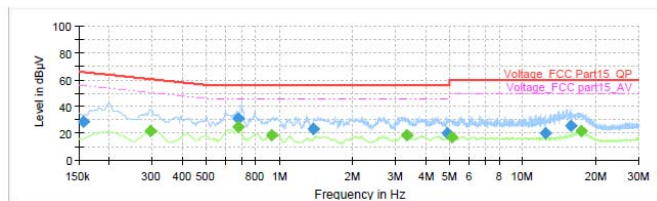
802.11n (HT20) , Channel No.: 157, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195000	38.75	---	63.82	25.07	1000.0	9.000	L1	ON	19.2
0.199500	---	28.68	53.63	24.95	1000.0	9.000	L1	ON	19.2
0.647250	---	28.76	46.00	17.24	1000.0	9.000	L1	ON	19.3
0.692250	38.68	---	56.00	17.32	1000.0	9.000	L1	ON	19.3
1.410000	31.32	---	56.00	24.68	1000.0	9.000	L1	ON	19.2
1.938750	---	24.69	46.00	21.31	1000.0	9.000	L1	ON	19.1
2.238000	29.78	---	56.00	26.22	1000.0	9.000	L1	ON	19.1
2.240250	---	23.88	46.00	22.12	1000.0	9.000	L1	ON	19.1
5.430750	---	24.41	50.00	25.59	1000.0	9.000	L1	ON	19.1
5.433000	28.89	---	60.00	31.11	1000.0	9.000	L1	ON	19.1
17.151000	---	26.97	50.00	23.03	1000.0	9.000	L1	ON	19.6
17.243250	35.39	---	60.00	24.61	1000.0	9.000	L1	ON	19.6

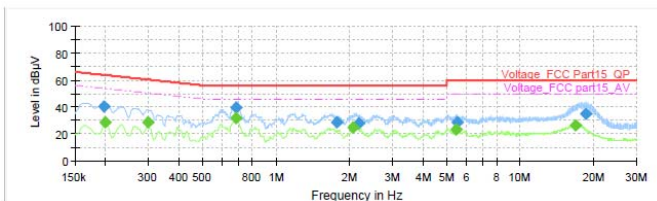
802.11n (HT20) , Channel No.: 157, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.156750	28.90	---	65.63	36.74	1000.0	9.000	N	ON	19.1
0.296250	---	21.80	50.35	28.55	1000.0	9.000	N	ON	19.2
0.676500	30.78	---	56.00	25.22	1000.0	9.000	N	ON	19.3
0.681000	---	24.67	46.00	21.33	1000.0	9.000	N	ON	19.3
0.928500	---	18.79	46.00	27.21	1000.0	9.000	N	ON	19.2
1.385250	22.90	---	56.00	33.10	1000.0	9.000	N	ON	19.2
3.351750	---	18.57	46.00	27.43	1000.0	9.000	N	ON	19.1
4.915500	20.04	---	56.00	35.96	1000.0	9.000	N	ON	19.1
5.091000	---	17.23	50.00	32.77	1000.0	9.000	N	ON	19.1
12.439500	20.31	---	60.00	39.69	1000.0	9.000	N	ON	19.4
15.740250	25.95	---	60.00	34.05	1000.0	9.000	N	ON	19.4
17.313000	---	21.45	50.00	28.55	1000.0	9.000	N	ON	19.5

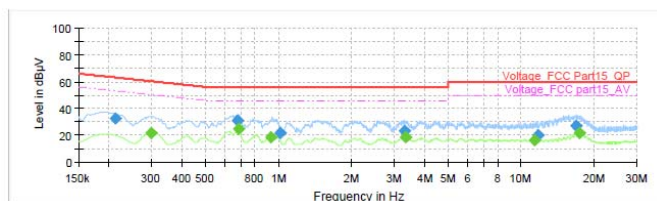
802.11n (HT20) , Channel No.: 165, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.197250	40.47	---	63.73	23.25	1000.0	9.000	L1	ON	19.2
0.199500	---	28.46	53.63	25.18	1000.0	9.000	L1	ON	19.2
0.298500	---	28.96	50.28	21.32	1000.0	9.000	L1	ON	19.2
0.685500	39.47	---	56.00	16.53	1000.0	9.000	L1	ON	19.3
0.687750	---	32.14	46.00	13.86	1000.0	9.000	L1	ON	19.3
1.776750	28.55	---	56.00	27.45	1000.0	9.000	L1	ON	19.2
2.055750	---	25.19	46.00	20.81	1000.0	9.000	L1	ON	19.1
2.168250	28.28	---	56.00	27.72	1000.0	9.000	L1	ON	19.1
5.451000	---	23.53	50.00	26.47	1000.0	9.000	L1	ON	19.1
5.536500	28.49	---	60.00	31.51	1000.0	9.000	L1	ON	19.1
16.759500	---	26.55	50.00	23.45	1000.0	9.000	L1	ON	19.5
18.568500	34.86	---	60.00	25.14	1000.0	9.000	L1	ON	19.6

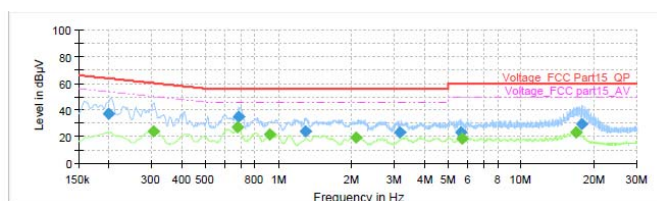
802.11n (HT20) , Channel No.: 165, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.213000	32.28	---	63.09	30.81	1000.0	9.000	N	ON	19.2
0.298500	---	21.98	50.28	28.31	1000.0	9.000	N	ON	19.2
0.678750	30.91	---	56.00	25.09	1000.0	9.000	N	ON	19.3
0.685500	---	24.84	46.00	21.16	1000.0	9.000	N	ON	19.3
0.928500	---	18.78	46.00	27.22	1000.0	9.000	N	ON	19.2
1.011750	21.75	---	56.00	34.25	1000.0	9.000	N	ON	19.2
3.288750	23.32	---	56.00	32.68	1000.0	9.000	N	ON	19.1
3.351750	---	18.63	46.00	27.37	1000.0	9.000	N	ON	19.1
11.402250	---	16.34	50.00	33.66	1000.0	9.000	N	ON	19.4
11.769000	19.91	---	60.00	40.09	1000.0	9.000	N	ON	19.4
16.741500	27.27	---	60.00	32.73	1000.0	9.000	N	ON	19.5
17.313000	---	21.43	50.00	28.57	1000.0	9.000	N	ON	19.5

802.11n (HT40) , Channel No.: 38, L Line

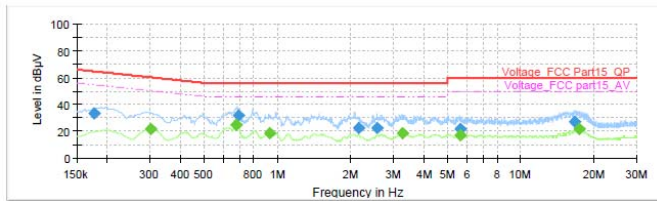


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.199500	37.45	---	63.63	26.18	1000.0	9.000	L1	ON	19.2
0.305250	---	24.29	50.10	25.81	1000.0	9.000	L1	ON	19.2
0.681000	---	27.04	46.00	18.96	1000.0	9.000	L1	ON	19.3
0.685500	34.69	---	56.00	21.31	1000.0	9.000	L1	ON	19.3
0.921750	---	22.08	46.00	23.92	1000.0	9.000	L1	ON	19.2
1.295250	23.86	---	56.00	32.14	1000.0	9.000	L1	ON	19.2
2.076000	---	19.66	46.00	26.34	1000.0	9.000	L1	ON	19.1
3.165000	23.56	---	56.00	32.44	1000.0	9.000	L1	ON	19.1
5.642250	23.05	---	60.00	36.95	1000.0	9.000	L1	ON	19.1
5.689500	---	18.25	50.00	31.75	1000.0	9.000	L1	ON	19.1
16.764000	---	23.38	50.00	26.62	1000.0	9.000	L1	ON	19.5
17.817000	29.13	---	60.00	30.87	1000.0	9.000	L1	ON	19.6



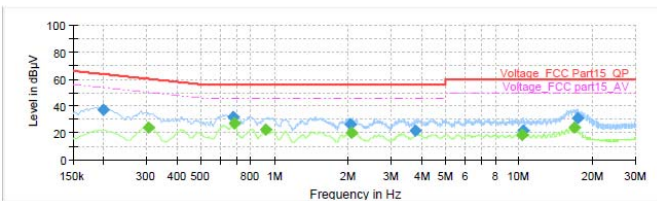
802.11n (HT40) , Channel No.: 38, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	33.04	---	64.63	31.59	1000.0	9,000	N	ON	19.2
0.300750	---	21.84	50.22	28.38	1000.0	9,000	N	ON	19.2
0.681000	---	24.68	46.00	21.32	1000.0	9,000	N	ON	19.3
0.694500	31.49	---	56.00	24.51	1000.0	9,000	N	ON	19.3
0.928500	---	18.81	46.00	27.19	1000.0	9,000	N	ON	19.2
2.157000	22.70	---	56.00	33.30	1000.0	9,000	N	ON	19.1
2.577750	22.36	---	56.00	33.64	1000.0	9,000	N	ON	19.0
3.275250	---	18.80	46.00	27.20	1000.0	9,000	N	ON	19.1
5.619750	21.61	---	60.00	38.39	1000.0	9,000	N	ON	19.1
5.619750	---	17.00	50.00	33.00	1000.0	9,000	N	ON	19.1
16.626750	27.16	---	60.00	32.84	1000.0	9,000	N	ON	19.5
17.333250	---	21.44	50.00	28.56	1000.0	9,000	N	ON	19.5

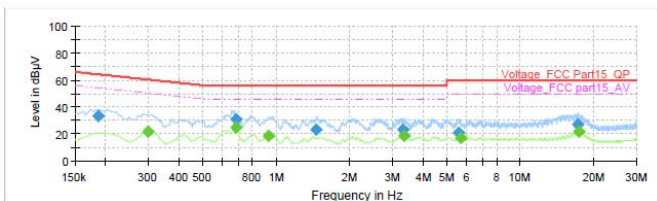
802.11n (HT40) , Channel No.: 46, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.199500	37.01	---	63.63	26.62	1000.0	9,000	L1	ON	19.2
0.305250	---	24.11	50.10	25.99	1000.0	9,000	L1	ON	19.2
0.678750	31.79	---	56.00	24.21	1000.0	9,000	L1	ON	19.3
0.683250	---	26.94	46.00	19.06	1000.0	9,000	L1	ON	19.3
0.921750	---	22.16	46.00	23.84	1000.0	9,000	L1	ON	19.2
2.040000	26.07	---	56.00	29.93	1000.0	9,000	L1	ON	19.1
2.067000	---	20.17	46.00	25.83	1000.0	9,000	L1	ON	19.1
3.747750	21.66	---	56.00	34.34	1000.0	9,000	L1	ON	19.1
10.251500	---	18.37	50.00	31.63	1000.0	9,000	L1	ON	19.4
10.414500	21.84	---	60.00	38.16	1000.0	9,000	L1	ON	19.4
16.795500	---	23.69	50.00	26.31	1000.0	9,000	L1	ON	19.5
17.328750	31.07	---	60.00	28.93	1000.0	9,000	L1	ON	19.6

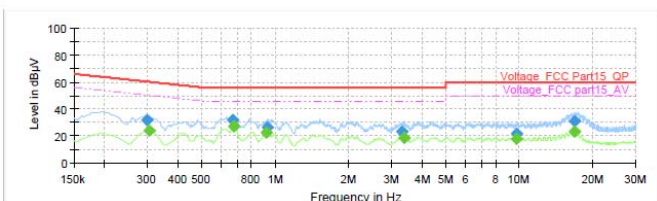
802.11n (HT40) , Channel No.: 46, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.186000	33.43	---	64.21	30.78	1000.0	9,000	N	ON	19.2
0.298500	---	22.02	50.28	28.26	1000.0	9,000	N	ON	19.2
0.683250	---	24.75	46.00	21.25	1000.0	9,000	N	ON	19.3
0.685500	31.19	---	56.00	24.81	1000.0	9,000	N	ON	19.3
0.928500	---	18.87	46.00	27.13	1000.0	9,000	N	ON	19.2
1.448250	23.04	---	56.00	32.96	1000.0	9,000	N	ON	19.2
3.288750	23.24	---	56.00	32.76	1000.0	9,000	N	ON	19.1
3.351750	---	18.58	46.00	27.42	1000.0	9,000	N	ON	19.1
5.574750	21.05	---	60.00	38.95	1000.0	9,000	N	ON	19.1
5.698500	---	17.26	50.00	32.74	1000.0	9,000	N	ON	19.1
17.144250	27.33	---	60.00	32.67	1000.0	9,000	N	ON	19.5
17.306250	---	21.44	50.00	28.56	1000.0	9,000	N	ON	19.5

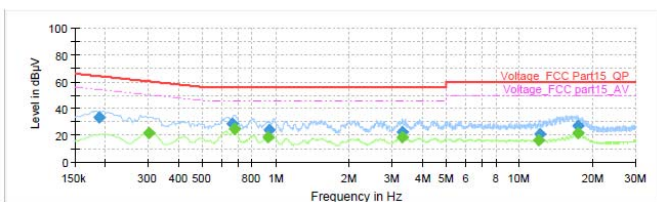
802.11n (HT40) , Channel No.: 151, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.298500	31.86	---	60.28	28.42	1000.0	9,000	L1	ON	19.2
0.305250	---	24.05	50.10	26.05	1000.0	9,000	L1	ON	19.2
0.672000	31.48	---	56.00	24.52	1000.0	9,000	L1	ON	19.3
0.681000	---	27.08	46.00	18.92	1000.0	9,000	L1	ON	19.3
0.924000	---	22.24	46.00	23.76	1000.0	9,000	L1	ON	19.2
0.930750	26.34	---	56.00	29.66	1000.0	9,000	L1	ON	19.2
3.304500	23.27	---	56.00	32.73	1000.0	9,000	L1	ON	19.1
3.381000	---	18.90	46.00	27.10	1000.0	9,000	L1	ON	19.1
9.692250	---	18.21	50.00	31.79	1000.0	9,000	L1	ON	19.4
9.777750	21.91	---	60.00	38.09	1000.0	9,000	L1	ON	19.4
16.824750	---	23.51	50.00	26.49	1000.0	9,000	L1	ON	19.5
16.863000	30.76	---	60.00	29.24	1000.0	9,000	L1	ON	19.6

802.11n (HT40) , Channel No.: 151, N Line

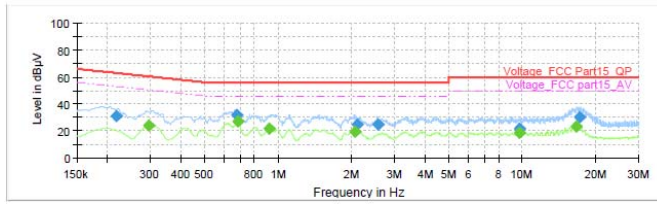


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.188250	33.30	---	64.11	30.81	1000.0	9,000	N	ON	19.2
0.303000	---	21.90	50.16	28.26	1000.0	9,000	N	ON	19.2
0.665250	28.50	---	56.00	27.50	1000.0	9,000	N	ON	19.3
0.681000	---	24.69	46.00	21.31	1000.0	9,000	N	ON	19.3
0.928500	---	18.79	46.00	27.21	1000.0	9,000	N	ON	19.2
0.935250	24.25	---	56.00	31.75	1000.0	9,000	N	ON	19.2
3.300000	22.83	---	56.00	33.17	1000.0	9,000	N	ON	19.1
3.304500	---	18.68	46.00	27.32	1000.0	9,000	N	ON	19.1
12.005250	---	16.41	50.00	33.59	1000.0	9,000	N	ON	19.4
12.093000	20.84	---	60.00	39.16	1000.0	9,000	N	ON	19.4
17.322000	---	21.46	50.00	28.54	1000.0	9,000	N	ON	19.5
17.382750	27.25	---	60.00	32.75	1000.0	9,000	N	ON	19.5



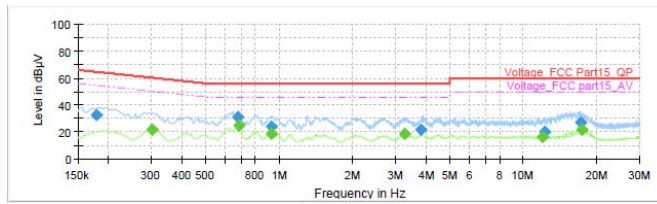
802.11n (HT40) , Channel No.: 159, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.217500	30.99	---	62.91	31.93	1000.0	9.000	L1	ON	19.2
0.296250	---	24.06	50.35	26.29	1000.0	9.000	L1	ON	19.2
0.678750	31.94	---	56.00	24.06	1000.0	9.000	L1	ON	19.3
0.683250	---	27.07	46.00	18.93	1000.0	9.000	L1	ON	19.3
0.924000	---	22.05	46.00	23.95	1000.0	9.000	L1	ON	19.2
2.073750	---	19.74	46.00	26.26	1000.0	9.000	L1	ON	19.1
2.100750	24.64	---	56.00	31.36	1000.0	9.000	L1	ON	19.1
2.564250	24.57	---	56.00	31.43	1000.0	9.000	L1	ON	19.0
9.728250	---	18.23	50.00	31.77	1000.0	9.000	L1	ON	19.4
9.739500	21.87	---	60.00	38.13	1000.0	9.000	L1	ON	19.4
16.703250	---	23.40	50.00	26.60	1000.0	9.000	L1	ON	19.5
17.225250	29.99	---	60.00	30.01	1000.0	9.000	L1	ON	19.6

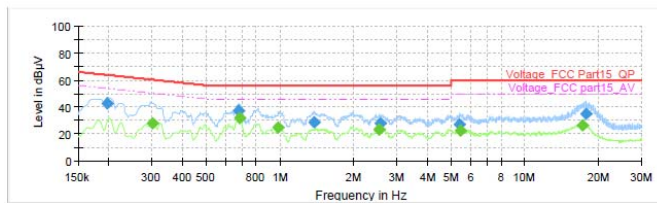
802.11n (HT40) , Channel No.: 159, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.179250	32.68	---	64.52	31.84	1000.0	9.000	N	ON	19.2
0.300750	---	22.01	50.22	28.22	1000.0	9.000	N	ON	19.2
0.678750	30.88	---	56.00	25.12	1000.0	9.000	N	ON	19.3
0.683250	---	24.74	46.00	21.26	1000.0	9.000	N	ON	19.3
0.926250	---	18.93	46.00	27.07	1000.0	9.000	N	ON	19.2
0.928500	24.39	---	56.00	31.61	1000.0	9.000	N	ON	19.2
3.259500	---	18.68	46.00	27.32	1000.0	9.000	N	ON	19.1
3.810750	22.04	---	56.00	33.96	1000.0	9.000	N	ON	19.0
12.045750	---	16.37	50.00	33.63	1000.0	9.000	N	ON	19.4
12.228000	19.82	---	60.00	40.18	1000.0	9.000	N	ON	19.4
17.162250	27.07	---	60.00	32.93	1000.0	9.000	N	ON	19.5
17.319750	---	21.48	50.00	28.52	1000.0	9.000	N	ON	19.5

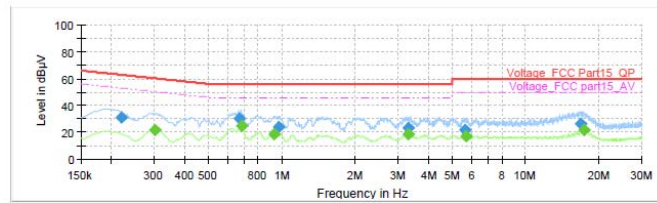
802.11ac (HT20) , Channel No.: 36, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.197250	42.28	---	63.73	21.45	1000.0	9.000	L1	ON	19.2
0.300750	---	27.57	50.22	22.65	1000.0	9.000	L1	ON	19.2
0.678750	36.99	---	56.00	19.01	1000.0	9.000	L1	ON	19.3
0.685500	---	31.41	46.00	14.59	1000.0	9.000	L1	ON	19.3
0.984750	---	24.87	46.00	21.13	1000.0	9.000	L1	ON	19.2
1.383000	28.55	---	56.00	27.45	1000.0	9.000	L1	ON	19.2
2.550750	---	23.30	46.00	22.70	1000.0	9.000	L1	ON	19.0
2.571000	28.06	---	56.00	27.94	1000.0	9.000	L1	ON	19.0
5.424000	27.20	---	60.00	32.80	1000.0	9.000	L1	ON	19.1
5.478000	---	22.26	50.00	27.74	1000.0	9.000	L1	ON	19.1
17.259000	---	26.08	50.00	23.92	1000.0	9.000	L1	ON	19.6
17.727000	34.92	---	60.00	25.08	1000.0	9.000	L1	ON	19.6

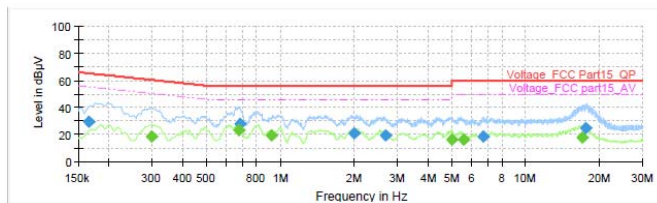
802.11ac (HT20) , Channel No.: 36, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.219750	30.77	---	62.83	32.05	1000.0	9.000	N	ON	19.1
0.303000	---	21.82	50.16	28.34	1000.0	9.000	N	ON	19.2
0.672000	30.05	---	56.00	25.95	1000.0	9.000	N	ON	19.3
0.685500	---	24.53	46.00	21.47	1000.0	9.000	N	ON	19.3
0.928500	---	18.83	46.00	27.17	1000.0	9.000	N	ON	19.2
0.973500	23.65	---	56.00	32.35	1000.0	9.000	N	ON	19.2
3.288750	---	18.66	46.00	27.34	1000.0	9.000	N	ON	19.1
3.304500	23.13	---	56.00	32.87	1000.0	9.000	N	ON	19.1
5.613000	21.35	---	60.00	38.65	1000.0	9.000	N	ON	19.1
5.714250	---	17.19	50.00	32.81	1000.0	9.000	N	ON	19.1
16.851750	26.65	---	60.00	33.35	1000.0	9.000	N	ON	19.5
17.331000	---	21.62	50.00	28.38	1000.0	9.000	N	ON	19.5

802.11ac (HT20) , Channel No.: 40, L Line

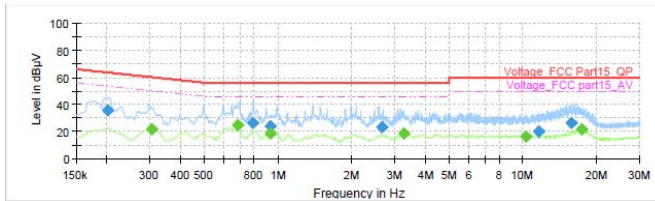


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.165750	29.21	---	65.17	35.96	1000.0	9.000	L1	ON	19.1
0.298500	---	18.99	50.28	31.30	1000.0	9.000	L1	ON	19.2
0.676500	---	23.21	46.00	22.79	1000.0	9.000	L1	ON	19.3
0.683250	28.13	---	56.00	27.87	1000.0	9.000	L1	ON	19.3
0.915000	---	19.13	46.00	26.87	1000.0	9.000	L1	ON	19.2
1.992750	20.70	---	56.00	35.30	1000.0	9.000	L1	ON	19.1
2.676750	19.20	---	56.00	36.80	1000.0	9.000	L1	ON	19.0
4.998750	---	16.57	46.00	29.43	1000.0	9.000	L1	ON	19.1
5.550000	---	15.93	50.00	34.07	1000.0	9.000	L1	ON	19.1
6.720000	18.72	---	60.00	41.28	1000.0	9.000	L1	ON	19.1
17.040750	---	18.21	50.00	31.79	1000.0	9.000	L1	ON	19.6
17.655000	24.53	---	60.00	35.47	1000.0	9.000	L1	ON	19.6



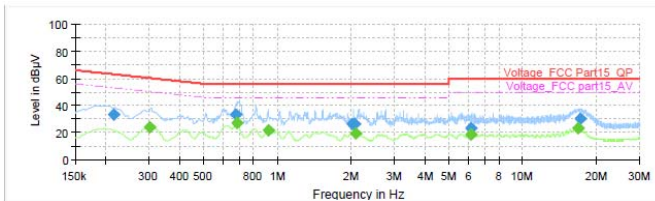
802.11ac (HT20) , Channel No.: 40, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.201750	35.75	---	63.54	27.78	1000.0	9.000	N	ON	19.2
0.305250	---	21.83	50.10	28.27	1000.0	9.000	N	ON	19.2
0.683250	---	24.68	46.00	21.32	1000.0	9.000	N	ON	19.3
0.793500	26.29	---	56.00	29.71	1000.0	9.000	N	ON	19.2
0.928500	---	18.78	46.00	27.22	1000.0	9.000	N	ON	19.2
0.933000	24.36	---	56.00	31.64	1000.0	9.000	N	ON	19.2
2.643000	22.97	---	56.00	33.03	1000.0	9.000	N	ON	19.0
3.273000	---	18.67	46.00	27.33	1000.0	9.000	N	ON	19.1
10.248000	---	16.47	50.00	33.53	1000.0	9.000	N	ON	19.4
11.652000	19.95	---	60.00	40.05	1000.0	9.000	N	ON	19.4
15.747000	26.35	---	60.00	33.65	1000.0	9.000	N	ON	19.4
17.376000	---	21.38	50.00	28.62	1000.0	9.000	N	ON	19.5

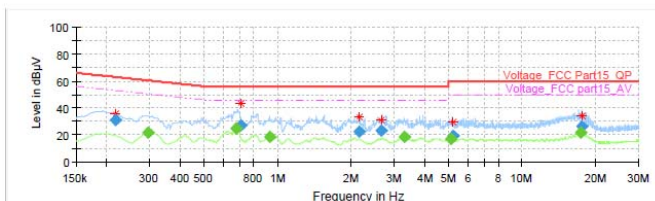
802.11ac (HT20) , Channel No.: 48, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.215250	33.54	---	63.00	29.46	1000.0	9.000	L1	ON	19.2
0.300750	---	24.18	50.22	26.04	1000.0	9.000	L1	ON	19.2
0.681000	33.08	---	56.00	22.92	1000.0	9.000	L1	ON	19.3
0.685500	---	27.05	46.00	18.95	1000.0	9.000	L1	ON	19.3
0.921750	---	21.78	46.00	24.22	1000.0	9.000	L1	ON	19.2
2.028750	26.28	---	56.00	29.72	1000.0	9.000	L1	ON	19.1
2.058000	26.74	---	56.00	29.26	1000.0	9.000	L1	ON	19.1
2.076250	---	19.75	46.00	26.25	1000.0	9.000	L1	ON	19.1
6.153000	---	18.39	50.00	31.61	1000.0	9.000	L1	ON	19.1
6.168500	23.37	---	60.00	36.63	1000.0	9.000	L1	ON	19.1
16.842750	---	23.46	50.00	26.54	1000.0	9.000	L1	ON	19.5
17.227500	29.97	---	60.00	30.03	1000.0	9.000	L1	ON	19.6

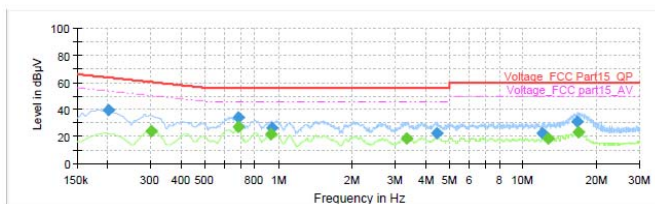
802.11ac (HT20) , Channel No.: 48, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.217500	30.97	---	62.91	31.95	1000.0	9.000	N	ON	19.2
0.296250	---	21.85	50.35	28.50	1000.0	9.000	N	ON	19.2
0.681000	---	24.76	46.00	21.24	1000.0	9.000	N	ON	19.3
0.705750	26.84	---	56.00	29.16	1000.0	9.000	N	ON	19.3
0.928500	---	18.81	46.00	27.19	1000.0	9.000	N	ON	19.2
2.154750	22.77	---	56.00	33.23	1000.0	9.000	N	ON	19.1
2.652000	22.89	---	56.00	33.11	1000.0	9.000	N	ON	19.0
3.304500	---	18.65	46.00	27.35	1000.0	9.000	N	ON	19.1
5.113500	---	17.22	50.00	32.78	1000.0	9.000	N	ON	19.1
5.250750	19.35	---	60.00	40.65	1000.0	9.000	N	ON	19.1
17.322000	---	21.49	50.00	28.51	1000.0	9.000	N	ON	19.5
17.520000	26.34	---	60.00	33.66	1000.0	9.000	N	ON	19.5

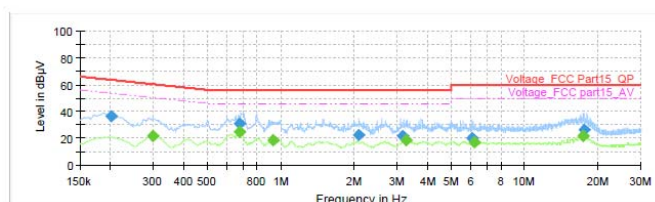
802.11ac (HT20) , Channel No.: 149, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.201750	39.17	---	63.54	24.37	1000.0	9.000	L1	ON	19.2
0.300750	---	24.19	50.22	26.04	1000.0	9.000	L1	ON	19.2
0.683250	---	26.80	46.00	19.20	1000.0	9.000	L1	ON	19.3
0.687750	34.21	---	56.00	21.79	1000.0	9.000	L1	ON	19.3
0.926250	---	21.98	46.00	24.02	1000.0	9.000	L1	ON	19.2
0.935250	26.07	---	56.00	29.93	1000.0	9.000	L1	ON	19.2
3.349500	---	18.97	46.00	27.03	1000.0	9.000	L1	ON	19.1
4.420500	22.42	---	56.00	33.58	1000.0	9.000	L1	ON	19.1
12.032250	22.80	---	60.00	37.20	1000.0	9.000	L1	ON	19.4
12.637500	---	18.46	50.00	31.54	1000.0	9.000	L1	ON	19.5
16.705500	30.69	---	60.00	29.31	1000.0	9.000	L1	ON	19.5
16.851750	---	23.22	50.00	26.78	1000.0	9.000	L1	ON	19.5

802.11ac (HT20) , Channel No.: 149, N Line

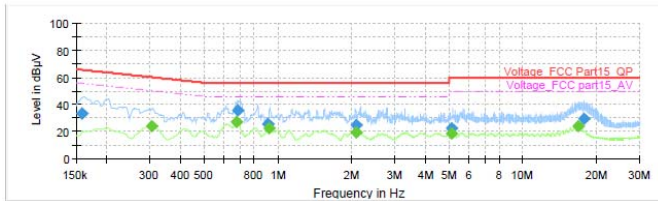


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.201750	36.13	---	63.54	27.41	1000.0	9.000	N	ON	19.2
0.298500	---	21.89	50.28	28.39	1000.0	9.000	N	ON	19.2
0.676500	30.81	---	56.00	25.19	1000.0	9.000	N	ON	19.3
0.681000	---	24.72	46.00	21.28	1000.0	9.000	N	ON	19.3
0.928500	---	18.79	46.00	27.21	1000.0	9.000	N	ON	19.2
2.076000	22.59	---	56.00	33.41	1000.0	9.000	N	ON	19.1
3.174000	21.99	---	56.00	34.01	1000.0	9.000	N	ON	19.1
3.259500	---	18.48	46.00	27.52	1000.0	9.000	N	ON	19.1
6.083250	20.04	---	60.00	39.96	1000.0	9.000	N	ON	19.1
6.209250	---	16.85	50.00	33.15	1000.0	9.000	N	ON	19.1
17.389500	---	21.48	50.00	28.52	1000.0	9.000	N	ON	19.5
17.520000	26.27	---	60.00	33.73	1000.0	9.000	N	ON	19.5



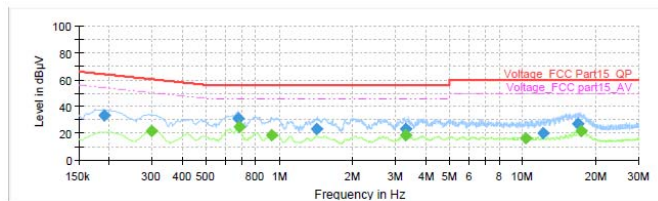
802.11ac (HT20) , Channel No.: 157, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	33.54	---	65.52	31.97	1000.0	9.000	L1	ON	19.1
0.305250	---	24.36	50.10	25.73	1000.0	9.000	L1	ON	19.2
0.681000	---	26.99	46.00	19.01	1000.0	9.000	L1	ON	19.3
0.687750	35.31	---	56.00	20.69	1000.0	9.000	L1	ON	19.3
0.912750	25.65	---	56.00	30.35	1000.0	9.000	L1	ON	19.2
0.919500	---	22.13	46.00	23.87	1000.0	9.000	L1	ON	19.2
2.076000	---	19.75	46.00	26.25	1000.0	9.000	L1	ON	19.1
2.087250	24.98	---	56.00	31.02	1000.0	9.000	L1	ON	19.1
5.086500	---	18.60	50.00	31.40	1000.0	9.000	L1	ON	19.1
5.102250	22.84	---	60.00	37.16	1000.0	9.000	L1	ON	19.1
16.759500	---	23.77	50.00	26.23	1000.0	9.000	L1	ON	19.5
17.661750	29.31	---	60.00	30.69	1000.0	9.000	L1	ON	19.6

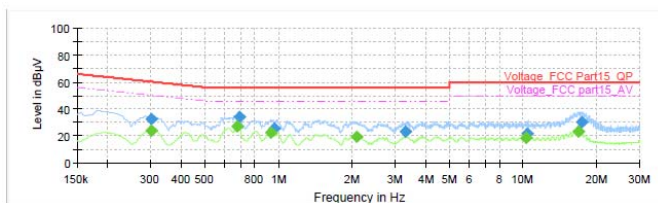
802.11ac (HT20) , Channel No.: 157, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.190500	33.43	---	64.02	30.59	1000.0	9.000	N	ON	19.2
0.298500	---	21.98	50.28	28.30	1000.0	9.000	N	ON	19.2
0.674250	30.72	---	56.00	25.28	1000.0	9.000	N	ON	19.3
0.683250	---	24.73	46.00	21.27	1000.0	9.000	N	ON	19.3
0.926250	---	18.88	46.00	27.12	1000.0	9.000	N	ON	19.2
1.425750	23.38	---	56.00	32.62	1000.0	9.000	N	ON	19.2
3.288750	23.44	---	56.00	32.56	1000.0	9.000	N	ON	19.1
3.304500	---	18.64	46.00	27.36	1000.0	9.000	N	ON	19.1
10.236750	---	16.33	50.00	33.67	1000.0	9.000	N	ON	19.4
12.167250	20.53	---	60.00	39.47	1000.0	9.000	N	ON	19.4
16.903500	26.86	---	60.00	33.14	1000.0	9.000	N	ON	19.5
17.328750	---	21.62	50.00	28.38	1000.0	9.000	N	ON	19.5

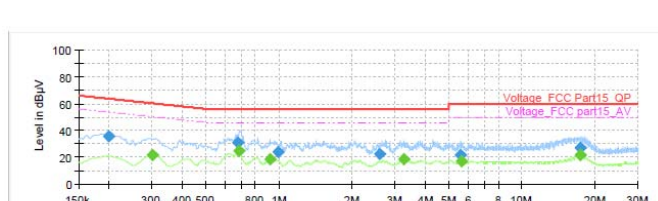
802.11ac (HT20) , Channel No.: 165, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.300750	---	24.16	50.22	26.06	1000.0	9.000	L1	ON	19.2
0.303000	32.34	---	60.16	27.82	1000.0	9.000	L1	ON	19.2
0.681000	---	27.14	46.00	18.86	1000.0	9.000	L1	ON	19.3
0.692250	34.26	---	56.00	21.74	1000.0	9.000	L1	ON	19.3
0.926250	---	22.21	46.00	23.79	1000.0	9.000	L1	ON	19.2
0.964500	25.55	---	56.00	30.45	1000.0	9.000	L1	ON	19.2
2.076000	---	19.66	46.00	26.34	1000.0	9.000	L1	ON	19.1
3.300000	22.87	---	56.00	33.13	1000.0	9.000	L1	ON	19.1
10.252500	---	18.37	50.00	31.63	1000.0	9.000	L1	ON	19.4
10.446000	21.41	---	60.00	38.59	1000.0	9.000	L1	ON	19.4
16.743750	---	23.35	50.00	26.65	1000.0	9.000	L1	ON	19.5
17.443500	30.36	---	60.00	29.64	1000.0	9.000	L1	ON	19.6

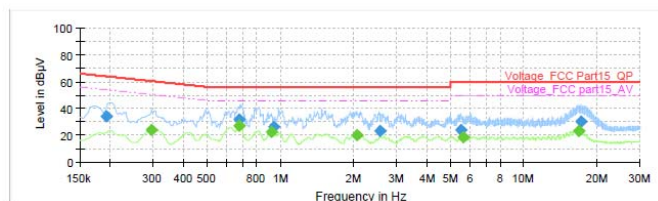
802.11ac (HT20) , Channel No.: 165, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.199500	35.78	---	63.63	27.86	1000.0	9.000	N	ON	19.2
0.303000	---	21.98	50.16	28.18	1000.0	9.000	N	ON	19.2
0.678750	30.93	---	56.00	25.07	1000.0	9.000	N	ON	19.3
0.683250	---	24.67	46.00	21.33	1000.0	9.000	N	ON	19.3
0.921750	---	18.97	46.00	27.03	1000.0	9.000	N	ON	19.2
0.993750	23.83	---	56.00	32.17	1000.0	9.000	N	ON	19.2
2.586750	22.40	---	56.00	33.60	1000.0	9.000	N	ON	19.0
3.259500	---	18.55	46.00	27.45	1000.0	9.000	N	ON	19.1
5.574750	21.43	---	60.00	38.57	1000.0	9.000	N	ON	19.1
5.651250	---	17.10	50.00	32.90	1000.0	9.000	N	ON	19.1
17.322000	---	21.41	50.00	28.59	1000.0	9.000	N	ON	19.5
17.452500	26.79	---	60.00	33.21	1000.0	9.000	N	ON	19.5

802.11ac (HT40) , Channel No.: 38, L Line

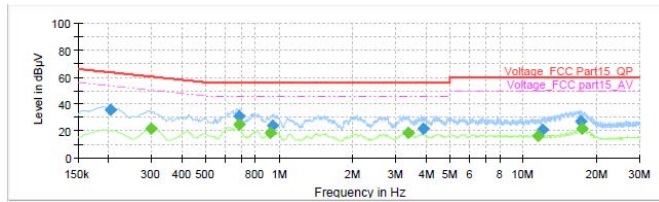


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	33.84	---	63.92	30.07	1000.0	9.000	L1	ON	19.2
0.296250	---	23.90	50.35	26.45	1000.0	9.000	L1	ON	19.2
0.678750	31.88	---	56.00	24.12	1000.0	9.000	L1	ON	19.3
0.681000	---	27.10	46.00	18.90	1000.0	9.000	L1	ON	19.3
0.919500	---	22.12	46.00	23.88	1000.0	9.000	L1	ON	19.2
0.937500	26.39	---	56.00	29.61	1000.0	9.000	L1	ON	19.2
2.071500	---	19.80	46.00	26.20	1000.0	9.000	L1	ON	19.1
2.555250	23.51	---	56.00	32.49	1000.0	9.000	L1	ON	19.0
5.509500	24.36	---	60.00	35.64	1000.0	9.000	L1	ON	19.1
5.651250	---	18.36	50.00	31.64	1000.0	9.000	L1	ON	19.1
16.813500	---	23.43	50.00	26.57	1000.0	9.000	L1	ON	19.5
17.155500	30.35	---	60.00	29.65	1000.0	9.000	L1	ON	19.6



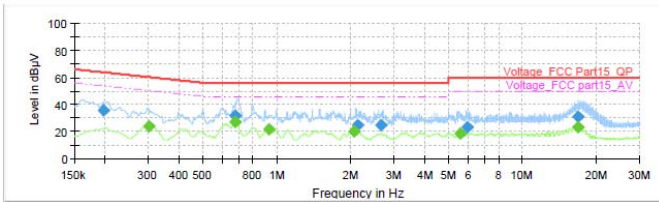
802.11ac (HT40) , Channel No.: 38, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.204000	35.55	---	63.45	27.89	1000.0	9.000	N	ON	19.2
0.298500	---	21.86	50.28	28.42	1000.0	9.000	N	ON	19.2
0.685500	---	24.51	46.00	21.49	1000.0	9.000	N	ON	19.3
0.685500	31.29	---	56.00	24.71	1000.0	9.000	N	ON	19.3
0.919500	---	18.85	46.00	27.15	1000.0	9.000	N	ON	19.2
0.937500	24.18	---	56.00	31.82	1000.0	9.000	N	ON	19.2
3.367500	---	18.55	46.00	27.45	1000.0	9.000	N	ON	19.1
3.871500	21.66	---	56.00	34.34	1000.0	9.000	N	ON	19.0
11.438250	---	16.52	50.00	33.48	1000.0	9.000	N	ON	19.4
11.955750	20.84	---	60.00	39.16	1000.0	9.000	N	ON	19.4
17.155500	27.03	---	60.00	32.97	1000.0	9.000	N	ON	19.5
17.331000	---	21.55	50.00	28.45	1000.0	9.000	N	ON	19.5

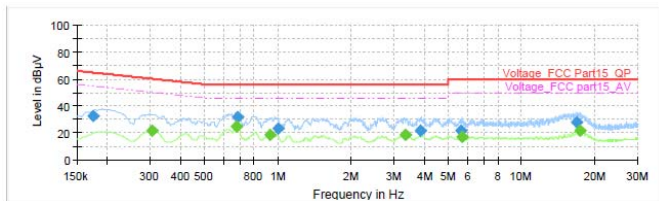
802.11ac (HT40) , Channel No.: 46, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.197250	35.33	---	63.73	28.39	1000.0	9.000	L1	ON	19.2
0.303000	---	23.98	50.16	26.18	1000.0	9.000	L1	ON	19.2
0.674250	31.65	---	56.00	24.35	1000.0	9.000	L1	ON	19.3
0.681000	---	27.06	46.00	18.94	1000.0	9.000	L1	ON	19.3
0.926250	---	22.00	46.00	24.00	1000.0	9.000	L1	ON	19.2
2.073750	19.81	---	46.00	26.19	1000.0	9.000	L1	ON	19.1
2.141250	24.74	---	56.00	31.26	1000.0	9.000	L1	ON	19.1
2.647500	24.70	---	56.00	31.30	1000.0	9.000	L1	ON	19.0
5.574750	---	18.73	50.00	31.27	1000.0	9.000	L1	ON	19.1
5.970750	23.29	---	60.00	36.71	1000.0	9.000	L1	ON	19.1
16.788750	---	23.55	50.00	26.45	1000.0	9.000	L1	ON	19.5
16.847250	30.98	---	60.00	29.02	1000.0	9.000	L1	ON	19.5

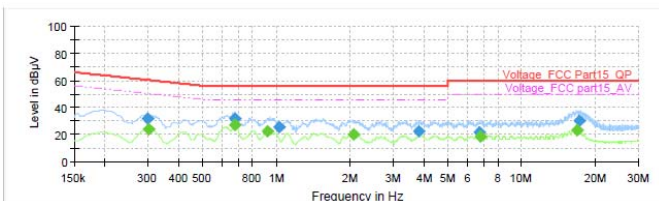
802.11ac (HT40) , Channel No.: 46, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.174750	32.71	---	64.73	32.03	1000.0	9.000	N	ON	19.2
0.305250	---	21.95	50.10	28.15	1000.0	9.000	N	ON	19.2
0.678750	---	24.66	46.00	21.34	1000.0	9.000	N	ON	19.3
0.687750	31.43	---	56.00	24.57	1000.0	9.000	N	ON	19.3
0.928500	---	18.78	46.00	27.22	1000.0	9.000	N	ON	19.2
1.002750	23.10	---	56.00	32.90	1000.0	9.000	N	ON	19.2
3.320250	---	18.56	46.00	27.44	1000.0	9.000	N	ON	19.1
3.844500	21.91	---	56.00	34.09	1000.0	9.000	N	ON	19.0
5.644500	21.51	---	60.00	38.49	1000.0	9.000	N	ON	19.1
5.682750	---	17.19	50.00	32.81	1000.0	9.000	N	ON	19.1
16.795500	27.56	---	60.00	32.44	1000.0	9.000	N	ON	19.5
17.319750	---	21.35	50.00	28.65	1000.0	9.000	N	ON	19.5

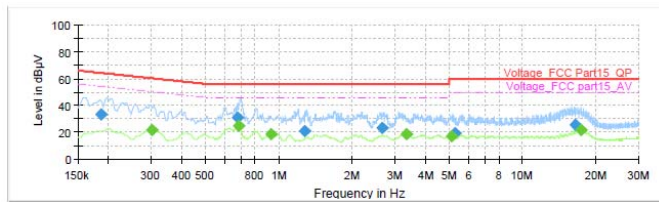
802.11ac (HT40) , Channel No.: 151, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.298500	31.51	---	60.28	28.77	1000.0	9.000	L1	ON	19.2
0.300750	---	23.95	50.22	26.27	1000.0	9.000	L1	ON	19.2
0.678750	32.05	---	56.00	23.95	1000.0	9.000	L1	ON	19.3
0.681000	---	27.14	46.00	18.86	1000.0	9.000	L1	ON	19.3
0.921750	---	22.16	46.00	23.84	1000.0	9.000	L1	ON	19.2
1.020750	25.31	---	56.00	30.69	1000.0	9.000	L1	ON	19.2
2.064750	---	20.17	46.00	25.83	1000.0	9.000	L1	ON	19.1
3.815250	22.80	---	56.00	33.20	1000.0	9.000	L1	ON	19.0
6.693000	21.72	---	60.00	38.28	1000.0	9.000	L1	ON	19.1
6.819000	---	18.41	50.00	31.59	1000.0	9.000	L1	ON	19.1
16.824750	---	23.24	50.00	26.76	1000.0	9.000	L1	ON	19.5
17.198250	30.00	---	60.00	30.00	1000.0	9.000	L1	ON	19.6

802.11ac (HT40) , Channel No.: 151, N Line

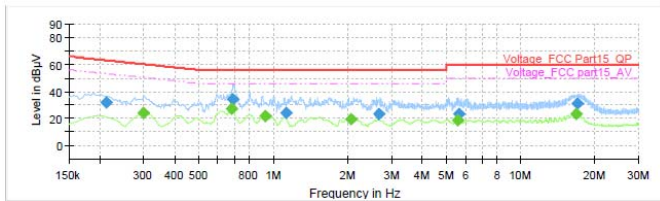


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.186000	33.59	---	64.21	30.62	1000.0	9.000	N	ON	19.2
0.300750	---	21.89	50.22	28.33	1000.0	9.000	N	ON	19.2
0.675000	30.70	---	56.00	25.30	1000.0	9.000	N	ON	19.3
0.683250	---	24.66	46.00	21.34	1000.0	9.000	N	ON	19.3
0.926250	---	18.92	46.00	27.08	1000.0	9.000	N	ON	19.2
1.281750	20.93	---	56.00	35.07	1000.0	9.000	N	ON	19.2
2.655000	23.00	---	56.00	33.00	1000.0	9.000	N	ON	19.0
3.349500	---	18.42	46.00	27.58	1000.0	9.000	N	ON	19.1
5.106750	---	17.18	50.00	32.82	1000.0	9.000	N	ON	19.1
5.262000	19.13	---	60.00	40.87	1000.0	9.000	N	ON	19.1
16.422000	25.42	---	60.00	34.58	1000.0	9.000	N	ON	19.4
17.319750	---	21.41	50.00	28.59	1000.0	9.000	N	ON	19.5



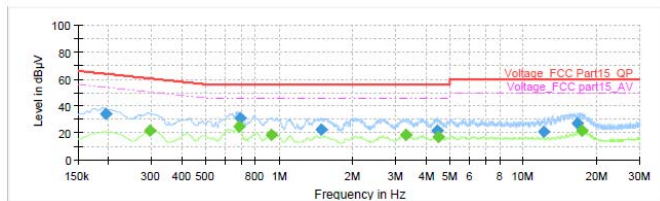
802.11ac (HT40) , Channel No.: 159, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.213000	31.73	---	63.09	31.36	1000.0	9.000	L1	ON	19.2
0.298500	---	23.86	50.28	26.42	1000.0	9.000	L1	ON	19.2
0.681000	---	27.09	46.00	18.91	1000.0	9.000	L1	ON	19.3
0.687750	34.13	---	56.00	21.87	1000.0	9.000	L1	ON	19.3
0.926250	---	22.15	46.00	23.85	1000.0	9.000	L1	ON	19.2
1.126500	24.23	---	56.00	31.77	1000.0	9.000	L1	ON	19.2
2.073750	---	19.82	46.00	26.18	1000.0	9.000	L1	ON	19.1
2.688000	23.35	---	56.00	32.65	1000.0	9.000	L1	ON	19.0
5.563500	---	18.66	50.00	31.34	1000.0	9.000	L1	ON	19.1
5.640000	23.46	---	60.00	36.54	1000.0	9.000	L1	ON	19.1
16.811250	---	23.45	50.00	26.55	1000.0	9.000	L1	ON	19.5
16.876500	30.98	---	60.00	29.02	1000.0	9.000	L1	ON	19.6

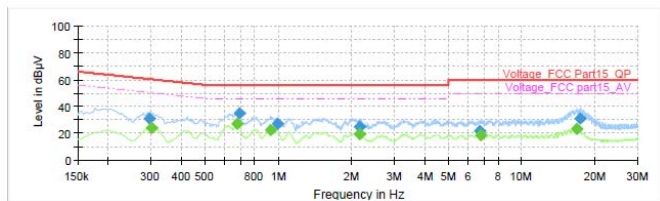
802.11ac (HT40) , Channel No.: 159, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195000	33.92	---	63.82	29.90	1000.0	9.000	N	ON	19.2
0.296250	---	21.83	50.35	28.52	1000.0	9.000	N	ON	19.2
0.683250	---	24.69	46.00	21.31	1000.0	9.000	N	ON	19.3
0.692250	31.25	---	56.00	24.75	1000.0	9.000	N	ON	19.3
0.928500	---	18.77	46.00	27.23	1000.0	9.000	N	ON	19.2
1.484250	22.67	---	56.00	33.33	1000.0	9.000	N	ON	19.2
3.288750	---	18.70	46.00	27.30	1000.0	9.000	N	ON	19.1
4.422750	21.82	---	56.00	34.18	1000.0	9.000	N	ON	19.1
4.467750	---	17.18	46.00	28.82	1000.0	9.000	N	ON	19.1
12.147000	21.21	---	60.00	38.79	1000.0	9.000	N	ON	19.4
16.642500	27.17	---	60.00	32.83	1000.0	9.000	N	ON	19.5
17.391750	---	21.36	50.00	28.64	1000.0	9.000	N	ON	19.5

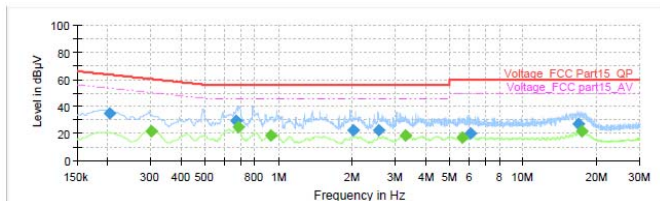
802.11ac HT80, Channel No.: 42, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.296250	31.13	---	60.35	29.22	1000.0	9.000	L1	ON	19.2
0.300750	---	24.04	50.22	26.18	1000.0	9.000	L1	ON	19.2
0.681000	---	27.26	46.00	18.74	1000.0	9.000	L1	ON	19.3
0.690000	34.57	---	56.00	21.43	1000.0	9.000	L1	ON	19.3
0.926250	---	22.11	46.00	23.89	1000.0	9.000	L1	ON	19.2
0.989250	27.04	---	56.00	28.96	1000.0	9.000	L1	ON	19.2
2.159250	24.64	---	56.00	31.36	1000.0	9.000	L1	ON	19.1
2.161500	---	19.47	46.00	26.53	1000.0	9.000	L1	ON	19.1
6.747000	22.07	---	60.00	37.93	1000.0	9.000	L1	ON	19.1
6.825750	---	18.43	50.00	31.57	1000.0	9.000	L1	ON	19.1
16.802250	---	23.50	50.00	26.50	1000.0	9.000	L1	ON	19.5
17.389500	31.07	---	60.00	28.93	1000.0	9.000	L1	ON	19.6

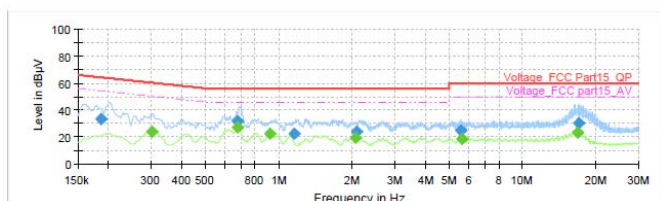
802.11ac HT80, Channel No.: 42, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.204000	35.16	---	63.45	28.29	1000.0	9.000	N	ON	19.2
0.300750	---	21.93	50.22	28.29	1000.0	9.000	N	ON	19.2
0.667500	29.18	---	56.00	26.82	1000.0	9.000	N	ON	19.3
0.683250	---	24.77	46.00	21.23	1000.0	9.000	N	ON	19.3
0.926250	---	18.85	46.00	27.15	1000.0	9.000	N	ON	19.2
2.019750	22.38	---	56.00	33.62	1000.0	9.000	N	ON	19.1
2.582250	22.63	---	56.00	33.37	1000.0	9.000	N	ON	19.0
3.304500	---	18.69	46.00	27.31	1000.0	9.000	N	ON	19.1
5.662500	---	17.16	50.00	32.84	1000.0	9.000	N	ON	19.1
6.069750	20.54	---	60.00	39.46	1000.0	9.000	N	ON	19.1
16.764000	27.25	---	60.00	32.75	1000.0	9.000	N	ON	19.5
17.322000	---	21.59	50.00	28.41	1000.0	9.000	N	ON	19.5

802.11ac HT80, Channel No.: 155, L Line

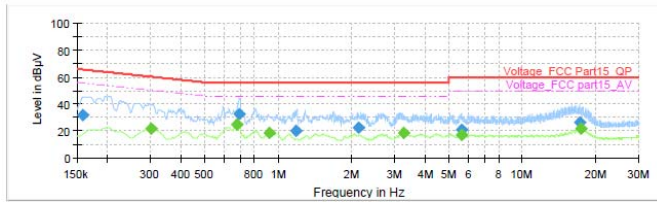


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.186000	33.00	---	64.21	31.21	1000.0	9.000	L1	ON	19.2
0.300750	---	23.96	50.22	26.26	1000.0	9.000	L1	ON	19.2
0.676500	31.79	---	56.00	24.21	1000.0	9.000	L1	ON	19.3
0.681000	---	27.08	46.00	18.92	1000.0	9.000	L1	ON	19.3
0.919500	---	22.20	46.00	23.80	1000.0	9.000	L1	ON	19.2
1.153500	22.45	---	56.00	33.55	1000.0	9.000	L1	ON	19.2
2.073750	---	19.69	46.00	26.31	1000.0	9.000	L1	ON	19.1
2.094000	24.32	---	56.00	31.68	1000.0	9.000	L1	ON	19.1
5.574750	24.58	---	60.00	35.42	1000.0	9.000	L1	ON	19.1
5.617500	---	18.62	50.00	31.38	1000.0	9.000	L1	ON	19.1
16.806750	---	23.47	50.00	26.53	1000.0	9.000	L1	ON	19.5
16.975500	30.01	---	60.00	29.99	1000.0	9.000	L1	ON	19.6



802.11ac HT80, Channel No.: 155, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	31.71	---	65.52	33.81	1000.0	9.000	N	ON	19.1
0.300750	---	21.90	50.22	28.33	1000.0	9.000	N	ON	19.2
0.681000	---	24.76	46.00	21.24	1000.0	9.000	N	ON	19.3
0.690000	32.94	---	56.00	23.06	1000.0	9.000	N	ON	19.3
0.919500	---	18.79	46.00	27.21	1000.0	9.000	N	ON	19.2
1.180500	20.25	---	56.00	35.75	1000.0	9.000	N	ON	19.2
2.130000	22.40	---	56.00	33.60	1000.0	9.000	N	ON	19.1
3.275250	---	18.63	46.00	27.37	1000.0	9.000	N	ON	19.1
5.655750	21.03	---	60.00	38.97	1000.0	9.000	N	ON	19.1
5.662500	---	17.14	50.00	32.86	1000.0	9.000	N	ON	19.1
17.144250	26.58	---	60.00	33.42	1000.0	9.000	N	ON	19.5
17.391750	---	21.34	50.00	28.66	1000.0	9.000	N	ON	19.5

6. Main Test Instruments

Name	Type	Manufacturer	Serial Number	Calibration Date	Expiration Time
Spectrum Analyzer	FSV30	R&S	100815	2016-12-16	2017-12-15
EMI Test Receiver	ESCI3	R&S	100948	2016-12-16	2017-12-15
Loop Antenna	FMZB1519	SCHWARZBECK	1519-047	2017-02-18	2020-02-17
TRILOG Broadband Antenna	VULB 9163	Schwarzbeck	9163-201	2014-12-06	2017-12-05
Double Ridged Waveguide Horn Antenna	HF907	R&S	100126	2014-12-06	2017-12-05
Standard Gain Horn	3160-09	ETS-Lindgren	00102644	2015-01-30	2018-01-29
Broadband Horn Antenna	BBHA9170	Schwarzbeck	MRTSUE06024	2016-11-24	2019-11-23
EMI Test Receiver	ESCS30	R&S	100138	2016-12-16	2017-12-15
LISN	ENV216	R&S	101171	2016-12-16	2017-12-15
Spectrum Analyzer	N9010A	Agilent	MY47191109	2016-05-21	2017-05-20
Spectrum Analyzer	N9010A	Agilent	MY47191109	2017-05-20	2018-05-19
RF Cable	SMA 15cm	Agilent	0001	2017-04-03	2017-07-02

*****END OF REPORT *****